FEDERAL ITEM IDENTIFICATION GUIDE

ENGINE ELECTRICAL SYSTEM COMPONENTS

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Commander

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BY ORDER OF THE DIRECTOR

/s/

Commander

Defense Logistics Information Service

Contents

GENERAL INFORMATION

1. Purpose and Scope

This Federal Item Identification Guide (FIIG) is a self-contained document for the collection, coding, transmittal, and retrieval of item characteristics and related supply management data for an item of supply for logistical use. This FIIG is to be used to describe items of supply identified by the index of approved item names appearing in this section.

2. Contents

This FIIG is comprised of the following:

Index of Approved Item Names Covered by this FIIG
Applicability Key Index
Section I - Item Characteristics Data Requirements
Section III - New text that should be here.
Appendix A - Reply Tables
Appendix B - Reference Drawing Groups (as applicable)
Appendix C - Technical Data Tables (as applicable)

a. Index of Approved Item Names Covered by this FIIG:

The index lists the approved item names with definitions and item name codes as they appear in Cataloging Handbook H6, applicable to this FIIG. In addition, each name entry is assigned an applicability key for use in relating the characteristics requirements in Section I to the specific item name.

b. Applicability Key Index:

The purpose of this index is to provide the user with a ready reference for determining the specific requirements which are applicable to a given approved item name. This index lists all requirements in sequence as they appear in the FIIG. The applicability of a Master Requirement Coded requirement is indicated by the column headed by the specific item name applicability key as follows:

(1) The letter "X" indicates the requirement must be answered for a full descriptive item.

(2) The letters "AR" indicate the requirement is to be answered as required by (1) instructional notes within the FIIG; (2) when the reply is predicated on replies to a related main requirement; or (3) when an asterisk (*) is used in conjunction with the applicability key column in Section I.

(3) A blank in the column indicates the requirement is not applicable to the specific item name.

c. Section I - Item Characteristics Data Requirements:

This section contains the physical and performance characteristics requirements needed to describe and identify an item of supply. These characteristics differentiate one item from all other items of supply and are to be used to meet the needs of all supported functions. This section is arranged in columns. Identification of each column and instructions pertinent thereto are as follows:

(1) Applicability Key:

The first column shows the applicability key(s) for each requirement. It indicates whether the requirement need be satisfied for the item being identified. "ALL" indicates that the requirement must be answered for all items covered by the FIIG. One or more alphabetic character(s) or group of one or more alphabetic characters indicates a response is required when describing items with an approved item name or names represented by the key(s). An asterisk (*) used in conjunction with any applicability key indicates that the characteristic stated in the requirement may not be applicable to all items covered by the FIIG.

(2) Master Requirement Codes (MRC):

A four-position code which is assigned to a FIIG requirement for identification of the requirement, cross-referencing requirements in the various sections and appendices of the FIIG, and for mechanized processing and retrieval of FIIG generated data. Absence of a MRC for a requirement indicates a lead-in to requirements with individual MRCs in Appendix B.

(a) The coding technique for providing MULTIPLE/OPTIONAL responses will not be used for a Section I requirement assigned Mode Code A or L that leads to Appendix B sketches with dimensional requirements.

(b) Identified Secondary Address Coding:

This technique is for extending the Master Requirement Code so that a unique address is provided for each application of the requirement in relation to the item and is authorized only as instructed within the requirement. Responses coded through this technique will always consist of the following: (1) Master Requirement Codes, (2) indicator code (a single numeric character determined by the number of positions contained), (3) identified secondary address code (1 to 3-digit alphabetic codes determined by the number of predicted replies), (4) the mode code, (5) the reply code and/or clear text response, and (6) end with a record separator (*). Steps (1) through (6) are repeated for each application of the requirement.

(c) AND/OR coding:

A technique for extending the Master Requirement Code to provide a distinctive address for multiple responses to the same requirement. Responses coded through this technique will always consist of (1) Master Requirement Code, (2) mode code, (3) the response or reply code (as instructed by the requirement), (4) a single dollar sign ($) for an OR condition, or a double dollar sign ($$) for an AND condition, (5) the mode code, (6) the response or reply code

(followed by conditions (4) through (6) for each of the multiple responses) and (7) end with a record separator (*). NOTE: Apply this technique only when instructed by the requirement sample reply (e.g.).

(3) Mode Code:

A one-position alphabetic code that specifies the manner in which a response will be prepared. Each requirement assigned a MRC is also assigned a mode code. Sample replies follow each FIIG requirement displaying the proper construction of a response for the assigned mode code. The response to a requirement will always be prepared in accordance with the assigned mode code and sample reply except in the following instances:

(a) Use of E Mode Code replies is not authorized. If a reply needed to describe an item is not listed in the applicable table, contact the FIIG Initiator.

(b) Mode Code K may not be used for any requirement unless instructed by the requirement instructions.

(4) Requirement:

This portion includes the characteristics data elements and data use identifiers required to identify and differentiate one item of supply from another, narrative definitions, and explanations as to use and method of expression. Instructions for coding and preparing replies are also provided.

(5) Reply Code:

A code that represents an established authorized reply to a requirement.

d. Section III - Supplementary Technical and Supply Management Data:

This section includes those characteristics requirements necessary to support specific logistics functions other than National Stock Number assignment.

e. Appendix A - Reply Tables:

Tables of authorized replies to requirements and reply codes when the tables are too lengthy for inclusion in Section I/III, when applicable.

f. Appendix B - Reference Drawings:

This appendix contains representative illustrations which portray specific variations of one or more generic characteristics. If reference drawings contain requirements pages to be used in conjunction with illustrations for dimensioning purposes, the requirements pages will contain Master Requirement Codes, mode codes, and a statement of the requirement. A response to requirements on a requirements page is necessary only for those Master Requirement Codes applicable to the illustration selected.

g. Appendix C - Technical Data Tables:

This appendix contains conversion charts and similar data pertinent to the requirements in Section I/III, when applicable.

3. Enter administrative MRC CLQL immediately following the last FIIG requirement reply, as instructed below:

MRC	Mode Code	Requirement	Example
CLQL	G	COLLOQUIAL NAME (common usage name by which an item is known)	CLQLGW OVEN WIRE CLOTH*

4. Special Instructions and Indicator Definitions

a. Measurements:

Unless otherwise indicated within a requirement example, enter all measurements in decimal form, carried to the nearest three decimal places, with a minimum of one digit preceding the decimal. For SI (metric), enter all measurements with a minimum of one digit before and after the decimal. For fraction to decimal conversion, see Appendix C.

b. Indicators:

A cross hatch (#) following an AIN, MRC, Reply Code or Drawing Number indicates for "ALL EXCEPT USA" use only.

5. Indexes

a. Index of Data Requirements

This index is arranged in alphabetic sequence by Master Requirement Code, cross-referenced to the applicable data requirement and page number(s).

b. Index of Approved Item Names

This index is arranged in alphabetic sequence referenced to Applicability Key.

c. Applicability Key Index

This index is arranged in Applicability Key Sequence.

6. Maintenance

Requests for revisions and other changes will be directed to:

[Page Break]

MRC Index

INDEX OF APPROVED ITEM NAMES COVERED BY THIS FIIG

Approved Item Name	INC	App Key

Adapter

1. (Mechanical) Any modifying part, piece, or device, designed to facilitate connection, provide accommodation, enable application, and to broaden or permit the use of a given item with an unlike item of mechanical equipment when the two items are not designed for direct mating to each other.

ADAPTER (1), SPARK PLUG	17309	LA
BASE, VOLTAGE REGULATOR	16561	KA

Cap

1. (Mechanical) A protecting and/or closing part, basically circular, designed with an integral means of securing itself and must partially inclose some protruding, external portion of the item to which it is attached. Excludes Cover (1).

CAP (1), IGNITION DISTRIBUTION	13700	AA

A cap, generally of phenolic composition, designed to facilitate the connection to the high tension coil and spark plug leads to the distributor or magneto of an internal combustion engine.

COIL, IGNITION	00303	DA

An item specifically designed to produce the high voltage necessary to provide a spark for igniting combustible mixtures, primarily in internal combustion engines.

COIL, MAGNETO	18718	EA

An item consisting of two individual windings, one upon the other, inductively coupled, having a common iron core, specifically designed to convert the induced primary voltage to high secondary voltage required to ignite combustible mixtures, primary in internal combustion engines; is a maintenance item for a magneto.

CUTOUT RELAY, ENGINE GENERATOR	17181	JA

A device for automatically opening the circuit between an engine generator and the battery of the engine electrical system to prevent the flow of reverse current to the generator and automatically closing the circuit when the voltage of the generator reaches normal range. Excludes REGULATOR, CURRENT; and RELAY (as modified).

DISK, VOLTAGE REGULATOR	00231	KB

A maintenance part of a carbon pile voltage regulator, usually having a specific ohmic value.

Approved Item Name	INC	App Key
IGNITER, SPARK, AIRCRAFT HEATER	29199	MA

An item having one or more electrodes arranged to form an air gap across which an electric spark is introduced and discharged to ignite fuel and air mixtures in an aircraft heater. In heaters designed for the single electrode type, two plugs or one plug and one electrode are required within the combustion chamber in proper placement to effect the air gap. An igniter plug with two or more electrodes differs from a spark plug by always having cooling facilities in the form of holes or slots in the plug casing to allow entry of air currents around the electrodes. Excludes SPARK PLUG; GLOW PLUG; and ELECTRODE.

IGNITER, SPARK, FUEL	33715	MA

An item having one or more electrodes arranged to form an air gap across which an electric spark is introduced and discharged to ignite fuel and air mixtures in space heaters, furnaces, and the like. Excludes SPARK PLUG; GLOW PLUG; and ELECTRODE.

IGNITER, SPARK, GAS TURBINE ENGINE	19767	MA

An item having one or more electrodes arranged to form an air gap across which an electric spark is introduced and discharged to ignite fuel and air mixture in an internal combustion engine for the purpose of initial starting only. In engines designed for the single electrode type, two plugs are required within the combustion chamber in proper placement to effect the air gap. An igniter plug differs from a spark plug by always having cooling facilities in the form of holes or slots in the plug casing to alloy entry of air currents around the electrode(s). Excludes SPARK PLUG; GLOW PLUG; and ELECTRODE.

RELAY-SOLENOID, ENGINE STARTER, ELECTRICAL	17084	HA

An item having a moving plunger type core which travels parallel to the longitudinal axis of the coil(s), and which is primarily designed to perform the dual function of closing the circuit of a STARTER, ENGINE, ELECTRICAL and actuating the starter engaging mechanism. It must have provisions for attaching the mechanical linkage for actuating the engaging mechanism if the linkage is not included. May have provisions for manual actuation. Without contacts this item is known as a SOLENOID, ELECTRICAL. Without provisions for attaching mechanical linkage this item is known as a RELAY, ELECTROMAGNETIC. See also SWITCH, ENGINE STARTER, ELECTRICAL.

Rotor

1. (Electrical Rotating Machine) The rotating part of an electrical rotating machine which does not include a commutator. It may include a winding and/or collector rings.

ROTOR, IGNITION DISTRIBUTOR	00246	BA

The rotating part of an ignition distributor which transfers electrical energy to stationary electrodes. Does not include shaft.

ROTOR (1), MAGNETO	18720	CA

Approved Item Name	INC	App Key
SLEEVE, IGNITION TERMINAL	19963	PA

An item consisting of an electrically insulated body, tubular in shape with provisions for insertion of wire. One end contains a spring to facilitate electrical contact and provisions for attaching a conductor. See also SUPPRESSOR, IGNITION INTERFERENCE. Excludes CLIP, ELECTRICAL; TERMINAL, LUG; and CABLE NIPPLE, ELECTRICAL.

Stator

1. The portion of an electrical rotating machine which contains the stationary parts of the magnetic circuit with their associated windings, or permanent magnets. It may include housing or frame.

STATOR (1), ENGINE GENERATOR	19968	FA

A stator which is a maintenance part of a GENERATOR, ENGINE ACCESSORY.

STATOR (1), ENGINE STARTER	18719	FB
STATOR (1), STARTER-GENERATOR, ENGINE	19969	FA

A stator which is a maintenance part of a STARTER-GENERATOR, ENGINE.

SUPPRESSOR, IGNITION INTERFERENCE	17170	NA

An insulated cylindrical body, either straight or angular, containing a fixed resistance element, and usually with quick-disconnect type terminals, specifically constructed so that when connected in a high tension electrical ignition system it will reduce interference resulting from arcing of spark plugs, and similar devices. Excludes RESISTOR (as modified) and SUPPRESSOR, PARASITIC. See also FILTER, RADIO FREQUENCY INTERFERENCE.

Switch

1. A device which completes, interrupts or changes the connections in one or more electrical circuits by electrical, electronic, manual or mechanical actuation or as a result of changes in ambient temperature. It includes items consisting of individually separable switches which are physically interlocked (e.g., one button returns when the other is pushed), which have a common actuator, or are electrically connected. Excludes items which perform the same function by self-produced thermal action, such as relays, circuit breakers, fuses, or motor starters.

SWITCH (1), ENGINE STARTER, ELECTRICAL	17975	GA

A manually operated item specifically designed to close the circuit of a STARTER, ENGINE, ELECTRICAL or the control circuit of its attendant solenoid. It must include a vacuum lock-out mechanism or utilize a switch contact independently mounted on the starter. For switches with integral contacts and no vacuum lock-out, see SWITCH (as modified). See also RELAY-SOLENOID, ENGINE STARTER, ELECTRICAL; and STARTER, MOTOR.

APPLICABILITY KEY INDEX

	AA
NAME	X
AREY	X
ARLC	X
AAFS	X
ARLD	X
ARFF	X
APJC	AR
ABUJ	AR
AAJF	AR
ARLE	X
ARLF	X
ARFG	AR
ARFH	AR
ANKC	AR
ARFJ	AR
ARLG	AR
ARLH	AR
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ADTS	X
ARLK	X
AQHT	AR
ALBH	X
AXGY	X
ABTJ	AR
ABTB	AR
ABRY	AR
ABMZ	AR
ABGL	AR
HGTH	AR
AKSQ	X
CBBL	AR
FEAT	AR
TEST	AR
SPCL	AR
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ZZZW	AR
ZZZX	AR
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SUPP	AR
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ABGL	AR
HGTH	AR
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AFRA	X
ARLM	AR
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ARLR	AR
ARLS	AR
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ABTB	AR
AFFL	AR
ACJD	AR
ARLT	AR
CBBL	AR
FEAT	AR
TEST	AR
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ZZZX	AR
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PMWT	AR
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SUPP	AR
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ZZZV	AR

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ARLW	AR
ADAQ	AR
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AMWW	X
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ABMZ	AR
HGTH	AR
AEJZ	AR
CBBL	AR
FEAT	AR
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ZZZW	AR
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ARNZ	AR
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ARPB	AR
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CBBL	AR
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TEST	AR
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ZZZT	AR
ZZZW	AR
ZZZX	AR
ZZZY	AR
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ELCD	AR
ENAC	AR
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PMWT	AR
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ARPK	X
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ABGL	AR
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HGTH	AR
AEJZ	AR
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ARPN	AR
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AGBE	X
ABWP	X
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ALGC	AR
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ZZZW	AR
ZZZX	AR
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PMWT	AR
PMLC	AR
AGAV	AR
SUPP	AR
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ZZZV	AR

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ACYN		AR
ACZB		AR
FAAZ		AR
ACYR		AR
AWXM		AR
AWTS	X	X
AWTT	AR	AR
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AARA	X	X
AWXN		AR
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AWYL	AR	AR
AWYM	AR	AR
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AWYP	AR	AR
AWYQ	AR	AR
AWYR	AR	AR
AWYS	AR	AR
AWYT	AR	AR
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AKPV	AR	AR
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ABRY	AR	AR
ABMZ	AR	AR
ABGL	AR	AR
HGTH	AR	AR
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AHZV		X
ADZC		AR
CBBL	AR	AR
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ZZZT	AR	AR
ZZZW	AR	AR
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ZZZV	AR	AR

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ABTB	AR
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CBBL	AR
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AXMX	AR	AR
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AXNF	AR
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AASU	X
CBBL	AR
FEAT	AR
TEST	AR
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ZZZY	AR
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AXGY	X	X
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ANGJ	AR	AR
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FEAT	AR	AR
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AARA	X
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AXNS	AR
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ZZZX	AR
ZZZY	AR
CRTL	AR
PRPY	AR
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ELCD	AR
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AAFZ	X
AKSF	X
AXNT	X
AXNW	X
AXNX	AR
ABRY	X
AARX	X
ABKV	X
CBBL	AR
FEAT	AR
TEST	AR
SPCL	AR
ZZZK	AR
ZZZT	AR
ZZZW	AR
ZZZX	AR
ZZZY	AR
CRTL	AR
PRPY	AR
ELRN	AR
ELCD	AR
ENAC	AR
AFJK	AR
PRMT	AR
PMWT	AR
PMLC	AR
AGAV	AR
SUPP	AR
ZZZP	AR
ZZZV	AR

[Page Break]

Body

SECTION: A

APP Key	MRC	Mode Code	Requirements
ALL			
	NAME	D	ITEM NAME

Definition: A NOUN, WITH OR WITHOUT MODIFIERS, BY WHICH AN ITEM OF SUPPLY IS KNOWN.

Reply Instructions: Enter the applicable Item Name Code from the index appearing in the General Information Section. (e.g., NAMED13700*)

ALL			
	AREY	D	IGNITION SYSTEM DESIGN

Definition: AN INDICATION OF THE DESIGN OF THE IGNITION SYSTEM.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., AREYDN*; AREYDL$DN*)

REPLY CODE	REPLY (AB03)
L	DUAL
N	SINGLE

ALL			
	ARLC	D	ELECTRODE DESIGN

Definition: THE DESIGN OF THE ELECTRODE.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., ARLCDN*; ARLCDL$DN*)

REPLY CODE	REPLY (AB03)
L	DUAL
N	SINGLE

ALL

APP Key	MRC	Mode Code	Requirements
	AAFS	D	APPLICATION DESIGN

Definition: THE PRIMARY APPLICATION FOR WHICH THE ITEM IS DESIGNED.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., AAFSDBW*; AAFSDBX$$DBW*; AAFSDBX$DBY*)

REPLY CODE	REPLY (AA25)
BW	COIL
BX	DISTRIBUTOR
BY	MAGNETO

ALL

	ARLD	A	SPARK PLUG LEAD ACCOMMODATION QUANTITY

Definition: THE NUMBER OF SPARK PLUG LEAD ACCOMMODATIONS PROVIDED.

Reply Instructions: Enter the quantity. (e.g., ARLDA6*)

ALL

	ARFF	D	SPARK PLUG LEAD CONNECTION TYPE

Definition: INDICATES THE TYPE OF SPARK PLUG LEAD CONNECTION.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., ARFFDACA*)

REPLY CODE	REPLY (AJ68)
ACA	PUSH-IN
ACB	THREADED

ALL*

	APJC	D	THREAD LOCATION

Definition: INDICATES THE LOCATION OF THE THREAD ON THE ITEM.

APP Key	MRC	Mode Code	Requirements

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., APJCDABX*)

REPLY CODE	REPLY (AJ91)
ABY	EXTERNAL
ABX	INTERNAL

ALL*

ABUJ A THREAD SIZE

Definition: DESIGNATES THE THREAD DIAMETER AND NUMBER OF THREADS PER SPECIFIC MEASUREMENT SCALE.

Reply Instructions: Enter the size.

(e.g., ABUJA11/16-24*)

ALL*

AAJF D THREAD DIRECTION

Definition: THE DIRECTION OF THE THREAD WHEN VIEWED AXIALLY. A RIGHT-HAND THREAD WINDS IN A CLOCKWISE DIRECTION WHILE A LEFT-HAND THREAD WINDS IN A COUNTERCLOCKWISE DIRECTION.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., AAJFDR*)

REPLY CODE	REPLY (AA38)
L	LEFT-HAND
R	RIGHT-HAND

ALL

ARLE D SPARK PLUG LEAD ACCOMMODATION POSITION

Definition: THE POSITION OF THE SPARK PLUG LEAD ACCOMMODATION WHEN THE MOUNTING BASE IS IN A HORIZONTAL POSITION.

APP Key	MRC	Mode Code	Requirements

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., ARLEDD*)

REPLY CODE	REPLY (AC60)
F	ANGULAR
B	HORIZONTAL
D	VERTICAL

ALL

ARLF A EXTERNAL COIL LEAD ACCOMMODATION QUANTITY

Definition: THE NUMBER OF EXTERNAL COIL LEAD ACCOMMODATIONS INCLUDED.

Reply Instructions: Enter the quantity. (e.g., ARLFA2*)

ALL*

ARFG D COIL LEAD CONNECTION TYPE

Definition: AN INDICATION OF THE TYPE OF COIL LEAD CONNECTION.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., ARFGDACA*)

REPLY CODE	REPLY (AJ68)
ACA	PUSH-IN
ACB	THREADED

ALL*

ARFH D CONNECTION THREAD LOCATION

Definition: THAT PORTION OF A CONNECTION ON WHICH THE THREADS ARE LOCATED.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., ARFHDABX*)

REPLY CODE	REPLY (AJ91)
ABY	EXTERNAL

APP Key	MRC	Mode Code	Requirements
		ABX	INTERNAL
ALL*			
	ANKC	A	CONNECTION THREAD SIZE

Definition: DESIGNATES THE THREAD DIAMETER AND QUANTITY OF THREADS PER SPECIFIC INCH.

Reply Instructions: Enter the size.

(e.g., ANKCA5/8-24*)

ALL*

ARFJ D CONNECTION THREAD DIRECTION

Definition: THE DIRECTION OF THE CONNECTION THREAD WHEN VIEWED AXIALLY. A RIGHT-HAND THREAD WINDS IN A CLOCKWISE DIRECTION WHILE A LEFT-HAND THREAD WINDS IN A COUNTERCLOCKWISE DIRECTION.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., ARFJDR*)

REPLY CODE	REPLY (AA38)
L	LEFT-HAND
R	RIGHT-HAND

ALL*

ARLG D COIL LEAD ACCOMMODATION POSITION

Definition: THE POSITION OF THE COIL LEAD ACCOMMODATION WHEN THE MOUNTING BASE IS IN A HORIZONTAL POSITION.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., ARLGDD*)

REPLY CODE	REPLY (AC60)
F	ANGULAR
B	HORIZONTAL
D	VERTICAL

APP Key	MRC	Mode Code	Requirements

ALL*

ARLH D INTERNAL COIL ELECTRODE TYPE

Definition: THE TYPE OF INTERNAL COIL ELECTRODE(S) INCLUDED.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., ARLHDAF*; ARLHDAB$$DAF*)

REPLY CODE	REPLY (AG81)
AB	BUTTON
AF	ROD

ALL

ARLJ D SPRING LOADED BRUSH TYPE ELECTRODE ACCOMMODATION

Definition: AN INDICATION OF WHETHER OR NOT AN ACCOMMODATION(S) IS INCLUDED FOR A SPRING LOADED BRUSH TYPE ELECTRODE(S).

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., ARLJDB*)

REPLY CODE	REPLY (AA49)
B	INCLUDED
C	NOT INCLUDED

ALL

ADTS D CONSTRUCTION TYPE

Definition: INDICATES WHETHER THE ITEM IS OF ONE OR TWO PIECE CONSTRUCTION.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., ADTSDB*)

REPLY CODE	REPLY (AC66)

APP Key	MRC	Mode Code	Requirements
		B	ONE-PIECE
		C	TWO-PIECE

ALL

ARLK D COVER ACCOMMODATION

Definition: AN INDICATION OF WHETHER OR NOT ACCOMMODATIONS FOR A COVER ARE INCLUDED.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., ARLKDB*)

REPLY CODE	REPLY (AA49)
B	INCLUDED
C	NOT INCLUDED

ALL*

AQHT D COVER

Definition: AN INDICATION OF WHETHER OR NOT A COVER IS PROVIDED.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., AQHTDC*)

REPLY CODE	REPLY (AB22)
C	NOT PROVIDED
B	PROVIDED

ALL

ALBH D RADIO INTERFERENCE SHIELDING

Definition: AN INDICATION OF WHETHER OR NOT SHIELDING AGAINST RADIO INTERFERENCE IS PROVIDED.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., ALBHDC*)

REPLY CODE	REPLY (AB22)
C	NOT PROVIDED

APP Key	MRC	Mode Code	Requirements
		B	PROVIDED

ALL

AXGY D MOUNTING METHOD

Definition: THE MEANS OF ATTACHING THE ITEM.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., AXGYDACR*; AXGYDACW$DACY*)

REPLY CODE	REPLY (AM39)
ABH	CLAMP
ACX	CLAMP RING (includes ring-clamp)
ACR	FLANGE
ABL	FRICTION
ACP	HOLE
ACW	LATCH SPRING
ABS	RETAINER RING
ABW	SCREW
ACY	SNAP SPRING

NOTE FOR MRCS ABTJ AND ABTB: IF REPLY CODE ACR OR ACP IS ENTERED FOR MRC AXGY, REPLY TO MRCS ABTJ AND ABTB.

ALL* (See Note Above)

ABTJ A MOUNTING HOLE QUANTITY

Definition: THE NUMBER OF MOUNTING HOLES PROVIDED.

Reply Instructions: Enter the quantity. (e.g., ABTJA4*)

ALL* (See Note Preceding MRC ABTJ)

ABTB J MOUNTING HOLE DIAMETER

Definition: THE LENGTH OF A STRAIGHT LINE WHICH PASSES THROUGH THE CENTER OF A MOUNTING HOLE, AND TERMINATES AT THE CIRCUMFERENCE.

Reply Instructions: Enter the applicable Reply Codes from Tables 1 and 2 below, followed by the numeric value. (e.g., ABTBJAA0.219*; ABTBJLA25.4*; ABTBJAB0.215$$JAC0.220*)

APP Key	MRC	Mode Code	Requirements

Table 1

REPLY CODE	REPLY (AA05)
A	INCHES
L	MILLIMETERS

Table 2

REPLY CODE	REPLY (AC20)
A	NOMINAL
B	MINIMUM
C	MAXIMUM

ALL*

ABRY J LENGTH

Definition: A MEASUREMENT OF THE LONGEST DIMENSION OF ANY OBJECT, IN DISTINCTION FROM WIDTH.

Reply Instructions: Enter the applicable Reply Codes from Tables 1 and 2 below, followed by the numeric value. (e.g., ABRYJAA5.500*; ABRYJLA25.4*; ABRYJAB5.500$$JAC5.550*)

Table 1

REPLY CODE	REPLY (AA05)
A	INCHES
L	MILLIMETERS

Table 2

REPLY CODE	REPLY (AC20)
A	NOMINAL
B	MINIMUM
C	MAXIMUM

ALL*

ABMZ J DIAMETER

Definition: THE LENGTH OF A STRAIGHT LINE PASSING THROUGH THE CENTER OF A CIRCULAR FIGURE OR BODY, AND TERMINATING AT THE CIRCUMFERENCE.

APP Key	MRC	Mode Code	Requirements

Reply Instructions: Enter the applicable Reply Codes from Tables 1 and 2 below, followed by the numeric value. (e.g., ABMZJAA3.250*; ABMZJLA25.4*; ABMZJAB3.250$$JAC3.265*)

Table 1

REPLY CODE	REPLY (AA05)
A	INCHES
L	MILLIMETERS

Table 2

REPLY CODE	REPLY (AC20)
A	NOMINAL
B	MINIMUM
C	MAXIMUM

ALL*

ABGL J WIDTH

Definition: A MEASUREMENT TAKEN AT RIGHT ANGLES TO THE LENGTH OF AN ITEM, IN DISTINCTION FROM THICKNESS.

Reply Instructions: Enter the applicable Reply Codes from Tables 1 and 2 below, followed by the numeric value. (e.g., ABGLJAA3.156*; ABGLJLA25.4*; ABGLJAB3.150$$JAC3.250*)

Table 1

REPLY CODE	REPLY (AA05)
A	INCHES
L	MILLIMETERS

Table 2

REPLY CODE	REPLY (AC20)
A	NOMINAL
B	MINIMUM
C	MAXIMUM

ALL*

HGTH J HEIGHT

Definition: A MEASUREMENT FROM THE BOTTOM TO THE TOP OF AN OBJECT, IN DISTINCTION FROM DEPTH.

APP Key	MRC	Mode Code	Requirements

Reply Instructions: Enter the applicable Reply Codes from Tables 1 and 2 below, followed by the numeric value. (e.g., HGTHJAA2.500*;HGTHJLA25.4*; HGTHJAB2.500$$JAC2.600*)

Table 1

REPLY CODE	REPLY (AA05)
A	INCHES
L	MILLIMETERS

Table 2

REPLY CODE	REPLY (AC20)
A	NOMINAL
B	MINIMUM
C	MAXIMUM

ALL

AKSQ D FUNGUS RESISTANT TREATMENT

Definition: AN INDICATION OF WHETHER OR NOT A TREATMENT IS INCLUDED TO PRODUCE A FUNGUS RESISTANT CONDITION.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., AKSQDC*)

REPLY CODE	REPLY (AA49)
B	INCLUDED
C	NOT INCLUDED

ALL*

CBBL D FEATURES PROVIDED

Definition: THOSE FEATURES, NOT OTHERWISE SPECIFIED, WHICH MAY BE REQUIRED FOR PROPER FUNCTIONING OF THE ITEM

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., CBBLDFNY*)

REPLY CODE	REPLY (AN47)
FNY	ROHS DIRECTIVE COMPLIANCE

SECTION: B

APP Key	MRC	Mode Code	Requirements
ALL			
	NAME	D	ITEM NAME

Definition: A NOUN, WITH OR WITHOUT MODIFIERS, BY WHICH AN ITEM OF SUPPLY IS KNOWN.

Reply Instructions: Enter the applicable Item Name Code from the index appearing in the General Information Section. (e.g., NAMED00246*)

ALL			
	AAFZ	D	BODY MATERIAL

Definition: THE BASIC MATERIAL OF WHICH THE ITEM IS FABRICATED.

Reply Instructions: Enter the applicable Reply Code from Appendix A , Table 2. (e.g., AAFZDALC000*; AAFZDALC000$DAL0000*)

ALL*			
	ABRY	J	LENGTH

Definition: A MEASURMENT OF THE LONGEST DIMENSION OF ANY OBJECT, IN DISTINCTION FROM WIDTH.

Reply Instructions: Enter the applicable Reply Codes from Tables 1 and 2 below, followed by the numeric value. (e.g., ABRYJAA3.438*; ABRYJLA25.4*; ABRYJAB3.438$$JAC3.500*)

Table 1

REPLY CODE	REPLY (AA05)
A	INCHES
L	MILLIMETERS

Table 2

REPLY CODE	REPLY (AC20)
A	NOMINAL
B	MINIMUM
C	MAXIMUM

APP Key	MRC	Mode Code	Requirements

ALL*

ABMZ J DIAMETER

Definition: THE LENGTH OF A STRAIGHT LINE WHICH PASSES THROUGH THE CENTER OF A CIRCULAR FIGURE OR BODY, AND TERMINATES AT THE CIRCUMFERENCE.

Reply Instructions: Enter the applicable Reply Codes from Tables 1 and 2 below, followed by the numeric value. (e.g., ABMZJAA3.188*; ABMZJLA25.4*; ABMZJAB3.188$$JAC3.250*)

Table 1

REPLY CODE	REPLY (AA05)
A	INCHES
L	MILLIMETERS

Table 2

REPLY CODE	REPLY (AC20)
A	NOMINAL
B	MINIMUM
C	MAXIMUM

ALL*

ABGL J WIDTH

Definition: A MEASUREMENT TAKEN AT RIGHT ANGLES TO THE LENGTH OF AN ITEM, IN DISTINCTION FROM THICKNESS.

Reply Instructions: Enter the applicable Reply Codes from Tables 1 and 2 below, followed by the numeric value. (e.g., ABGLJAA1.625*; ABGLJLA25.4*; ABGLJAB1.250$$JAC1.500*)

Table 1

REPLY CODE	REPLY (AA05)
A	INCHES
L	MILLIMETERS

Table 2

REPLY CODE	REPLY (AC20)
A	NOMINAL
B	MINIMUM
C	MAXIMUM

APP Key	MRC	Mode Code	Requirements

ALL*

HGTH J HEIGHT

Definition: A MEASUREMENT FROM THE BOTTOM TO THE TOP OF AN OBJECT, IN DISTINCTION FROM DEPTH.

Reply Instructions: Enter the applicable Reply Codes from Tables 1 and 2 below, followed by the numeric value. (e.g., HGTHJAA0.844*; HGTHJLA25.4*; HGTHJAB0.844$$JAC0.875*)

Table 1

REPLY CODE	REPLY (AA05)
A	INCHES
L	MILLIMETERS

Table 2

REPLY CODE	REPLY (AC20)
A	NOMINAL
B	MINIMUM
C	MAXIMUM

ALL*

ABNM J THICKNESS

Definition: A MEASUREMENT OF THE SMALLEST DIMENSION OF AN ITEM, IN DISTINCTION FROM LENGTH OR WIDTH.

Reply Instructions: Enter the applicable Reply Codes from Tables 1 and 2 below, followed by the numeric value. (e.g., ABNMJAA0.563*; ABNMJLA25.4*; ABNMJAB0.500$$JAC0.563*)

Table 1

REPLY CODE	REPLY (AA05)
A	INCHES
L	MILLIMETERS

Table 2

REPLY CODE	REPLY (AC20)
A	NOMINAL
B	MINIMUM
C	MAXIMUM

APP Key	MRC	Mode Code	Requirements

ALL

ARLL D INLET CONTACT TYPE

Definition: THE TYPE OF INLET CONTACT(S) ON THE ITEM.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., ARLLDAG;*

ARLLDAK$ARLLDAH;*

ARLLDAH$$DAK)*

REPLY CODE	REPLY (AG81)
AG	BENT SPRING
AH	FIXED BUTTON
AJ	FLUSH MOUNTED IMBEDDED BAR
AK	IMBEDDED BAR
AL	RING
AM	SPRING LOADED BRUSH
AN	SURFACE MOUNTED BAR

ALL

AFRA A CONTACT QUANTITY

Definition: THE NUMBER OF CONTACTS WHICH PROVIDE ELECTRICAL CONNECTION.

Reply Instructions: Enter the quantity. (e.g., AFRAA1; AFRAA2$3*)*

ALL*

ARLM J CENTER TO CENTER DISTANCE BETWEEN INLET CONTACT AND DISTRIBUTING CONTACT

Definition: THE DISTANCE MEASURED FROM THE CENTER OF THE INLET CONTACT TO THE CENTER OF THE DISTRIBUTING CONTACT.

Reply Instructions: Enter the applicable Reply Codes from Tables 1 and 2 below, followed by the numeric value. (e.g., ARLMJAA0.453; ARLMJLA25.4*; ARLMJAB0.450$$JAC0.460*; ARLMJAB0.450$$JAC0.460$$JAA0.453*)*

Table 1

APP Key	MRC	Mode Code	Requirements

REPLY CODE	REPLY (AA05)
A	INCHES
L	MILLIMETERS

Table 2

REPLY CODE	REPLY (AC20)
A	NOMINAL
B	MINIMUM
C	MAXIMUM

ALL*

ARLN J DISTANCE FROM INLET CONTACT CENTER TO DISTRIBUTING CONTACT END

Definition: THE DISTANCE MEASURED FROM THE CENTER OF THE INLET CONTACT TO THE END OF THE DISTRIBUTING CONTACT.

Reply Instructions: Enter the applicable Reply Codes from Tables 1 and 2 below, followed by the numeric value. (e.g., ARLNJAA1.399; ARLNJLA25.4*; ARLNJAB1.399$$JAC1.409*; ARLNJAB1.399$$JAC1.409$$JAA1.399*)*

Table 1

REPLY CODE	REPLY (AA05)
A	INCHES
L	MILLIMETERS

Table 2

REPLY CODE	REPLY (AC20)
A	NOMINAL
B	MINIMUM
C	MAXIMUM

ALL

ARLP A DISTRIBUTING CONTACT QUANTITY

Definition: THE NUMBER OF CONTACTS PROVIDED FOR ELECTRICAL ENERGY TRANSFER FROM THE ITEM.

Reply Instructions: Enter the quantity. (e.g., ARLPA2*)

APP Key	MRC	Mode Code	Requirements

NOTE FOR MRCS ARLQ AND ARLR: REPLY TO MRCS ARLQ AND ARLR IF REPLY TO MRC ARLP IS MORE THAN ONE.

ALL* (See Note Above)

ARLQ B ANGLE BETWEEN DISTRIBUTING CONTACTS IN DEG

Definition: THE ANGULAR MEASUREMENT BETWEEN CONTACTS.

Reply Instructions: Enter the numeric value. (e.g., ARLQB155.0*)

ALL* (See Note Preceding MRC ARLQ)

ARLR D DISTRIBUTING CONTACT LOCATION

Definition: THE LOCATION OF THE DISTRIBUTING CONTACT(S) ON THE ITEM.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., ARLRDAHG*; ARLRDAHF$DAHG*)

REPLY CODE	REPLY (AJ91)
AHF	DIFFERENT PLANES
AHG	SAME PLANE

NOTE FOR MRC ARLS: IF REPLY CODE AHF IS ENTERED FOR MRC ARLR, REPLY TO MRC ARLS.

ALL* (See Note Above)

ARLS J DISTANCE BETWEEN PLANES

Definition: THE DIMENSION MEASURED BETWEEN PLANES ON THE ITEM.

Reply Instructions: Enter the applicable Reply Codes from Tables 1 and 2 below, followed by the numeric value. (e.g., ARLSJAA0.453*; ARLSJLA25.4*; ARLSJAB0.819$$JAC0.831*)

Table 1

REPLY CODE	REPLY (AA05)
A	INCHES
L	MILLIMETERS

APP Key	MRC	Mode Code	Requirements

Table 2

REPLY CODE	REPLY (AC20)
A	NOMINAL
B	MINIMUM
C	MAXIMUM

ALL

AXGY D MOUNTING METHOD

Definition: THE MEANS OF ATTACHING THE ITEM.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., AXGYDAAD*; AXGYDABW$$DABX*)

REPLY CODE	REPLY (AM39)
AAD	PIN
ABW	SCREW
ABX	SHAFT
AHL	SNAP RING

ALL*

ABTJ A MOUNTING HOLE QUANTITY

Definition: THE NUMBER OF MOUNTING HOLES PROVIDED.

Reply Instructions: Enter the quantity. (e.g., ABTJA2*)

ALL*

ABTB J MOUNTING HOLE DIAMETER

Definition: THE LENGTH OF A STRAIGHT LINE PASSING THROUGH THE CENTER OF A MOUNTING HOLE, WITH TERMINATED POINTS AT THE CIRCUMFERENCE.

Reply Instructions: Enter the applicable Reply Codes from Tables 1 and 2 below, followed by the numeric value. (e.g., ABTBJAA0.313*; ABTBJLA25.4*; ABTBJAB0.313$$JAC0.318*)

Table 1

REPLY CODE	REPLY (AA05)
A	INCHES
L	MILLIMETERS

APP Key	MRC	Mode Code	Requirements

Table 2

REPLY CODE	REPLY (AC20)
A	NOMINAL
B	MINIMUM
C	MAXIMUM

ALL*

AFFL J MOUNTING BOLT CIRCLE DIAMETER

Definition: THE LENGTH OF A STRAIGHT LINE PASSING THROUGH THE CENTER OF A MOUNTING HOLE CIRCLE, WITH TERMINATED POINTS AT THE CIRCUMFERENCE.

Reply Instructions: Enter the applicable Reply Codes from Tables 1 and 2 below, followed by the numeric value. (e.g., AFFLJAA3.250*; AFFLJLA25.4*; AFFLJAB3.250$$JAC3.260*)

Table 1

REPLY CODE	REPLY (AA05)
A	INCHES
L	MILLIMETERS

Table 2

REPLY CODE	REPLY (AC20)
A	NOMINAL
B	MINIMUM
C	MAXIMUM

ALL*

ACJD J MOUNTING HOLE DEPTH

Definition: A MEASUREMENT FROM THE BOTTOM OF THE MOUNTING HOLE TO THE SURFACE OF THE ITEM.

Reply Instructions: Enter the applicable Reply Codes from Tables 1 and 2 below, followed by the numeric value. (e.g., ACJDJAA0.391*; ACJDJLA25.4*; ACJDJAB0.391$$JAC0.396*)

Table 1

REPLY CODE	REPLY (AA05)
A	INCHES

APP Key	MRC	Mode Code	Requirements
		L	MILLIMETERS

Table 2

REPLY CODE	REPLY (AC20)
A	NOMINAL
B	MINIMUM
C	MAXIMUM

ALL*

ARLT D SHAFT SHAPE FOR WHICH DESIGNED

Definition: AN INDICATION OF THE SHAFT SHAPE FOR WHICH THE ITEM IS DESIGNED.

Reply Instructions: Enter the applicable Reply Code from Appendix A , Table 3. (e.g., ARLTDRD*; ARLTDGS$DGZ*)

ALL*

CBBL D FEATURES PROVIDED

Definition: THOSE FEATURES, NOT OTHERWISE SPECIFIED, WHICH MAY BE REQUIRED FOR PROPER FUNCTIONING OF THE ITEM

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., CBBLDFNY*)

REPLY CODE	REPLY (AN47)
FNY	ROHS DIRECTIVE COMPLIANCE

SECTION: C

APP Key	MRC	Mode Code	Requirements
ALL			
	NAME	D	ITEM NAME

Definition: A NOUN, WITH OR WITHOUT MODIFIERS, BY WHICH AN ITEM OF SUPPLY IS KNOWN.

Reply Instructions: Enter the applicable Item Name Code from the index appearing in the General Information Section. (e.g., NAMED18720*)

ALL			
	APGF	D	DESIGN TYPE

Definition: INDICATES THE DESIGN TYPE OF THE ITEM.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., APGFDADE*; APGFDADD$DADF*)

REPLY CODE	REPLY (AK54)
ADD	FLYWHEEL MAGNET
ADE	LAMINATED
ADF	MAGNET

ALL*			
	AKPX	A	POLE QUANTITY

Definition: THE NUMBER OF POLES INCLUDED IN THE ITEM.

Reply Instructions: Enter the quantity. (e.g., AKPXA2*)

ALL*			
	ARLW	D	POLE PIECE SEPARABILITY FEATURE

Definition: AN INDICATION OF WHETHER OR NOT A POLE PIECE SEPARABILITY FEATURE IS INCLUDED.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., ARLWDC*)

REPLY CODE	REPLY (AA49)
B	INCLUDED

APP Key	MRC	Mode Code	Requirements
		C	NOT INCLUDED

ALL*

ADAQ J BODY LENGTH

Definition: A MEASUREMENT OF THE LONGEST DIMENSION OF THE BODY, IN DISTINCTION FROM WIDTH.

Reply Instructions: Enter the applicable Reply Codes from Tables 1 and 2 below, followed by the numeric value. (e.g., ADAQJAA1.468*; ADAQJLA25.4*; ADAQJAB1.468$$JAC1.475*)

Table 1

REPLY CODE	REPLY (AA05)
A	INCHES
L	MILLIMETERS

Table 2

REPLY CODE	REPLY (AC20)
A	NOMINAL
B	MINIMUM
C	MAXIMUM

ALL*

ABXF J SHAFT LENGTH

Definition: A MEASUREMENT OF THE LONGEST DIMENSION OF THE SHAFT, IN DISTINCTION FROM WIDTH.

Reply Instructions: Enter the applicable Reply Codes from Tables 1 and 2 below, followed by the numeric value. (e.g., ABXFJAA3.092*; ABXFJLA25.4*; ABXFJAB3.087$$JAC3.092*)

For more than one shaft, use AND ($$) Coding entering shortest dimension first. (e.g., ABXFJAB2.120$$JAC2.125$$ABXFJAA2.500)*

Table 1

REPLY CODE	REPLY (AA05)
A	INCHES
L	MILLIMETERS

APP Key	MRC	Mode Code	Requirements

Table 2

REPLY CODE	REPLY (AC20)
A	NOMINAL
B	MINIMUM
C	MAXIMUM

ALL

AMWW D ROTATION DIRECTION

Definition: THE DIRECTION IN WHICH AN ITEM IS DESIGNED TO ROTATE, WHEN VIEWED AXIALLY.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., AMWWDK*; AMWWDK$DM*)

REPLY CODE	REPLY (AA38)
K	CLOCKWISE
M	COUNTERCLOCKWISE

ALL*

ABRY J LENGTH

Definition: A MEASUREMENT OF THE LONGEST DIMENSION OF ANY OBJECT, IN DISTINCTION FROM WIDTH.

Reply Instructions: Enter the applicable Reply Codes from Tables 1 and 2 below, followed by the numeric value. (e.g., ABRYJAA4.735*; ABRYJLA25.4*; ABRYJAB4.735$$JAC4.740*)

Table 1

REPLY CODE	REPLY (AA05)
A	INCHES
L	MILLIMETERS

Table 2

REPLY CODE	REPLY (AC20)
A	NOMINAL
B	MINIMUM
C	MAXIMUM

APP Key	MRC	Mode Code	Requirements
ALL*			
	ABGL	J	WIDTH

Definition: A MEASUREMENT TAKEN AT RIGHT ANGLES TO THE LENGTH OF AN ITEM, IN DISTINCTION FROM THICKNESS.

Reply Instructions: Enter the applicable Reply Codes from Tables 1 and 2 below, followed by the numeric value. (e.g., ABGLJAA2.094*; ABGLJLA25.4*; ABGLJAB2.094$$JAC2.099*)

Table 1

REPLY CODE	REPLY (AA05)
A	INCHES
L	MILLIMETERS

Table 2

REPLY CODE	REPLY (AC20)
A	NOMINAL
B	MINIMUM
C	MAXIMUM

ALL*

ABMZ J DIAMETER

Definition: THE LENGTH OF A STRAIGHT LINE PASSING THROUGH THE CENTER OF A CIRCULAR FIGURE OR BODY, AND TERMINATING AT THE CIRCUMFERENCE.

Reply Instructions: Enter the applicable Reply Codes from Tables 1 and 2 below, followed by the numeric value. (e.g., ABMZJAA1.644*; ABMZJLA25.4*; ABMZJAB1.644$$JAC1.649*)

Table 1

REPLY CODE	REPLY (AA05)
A	INCHES
L	MILLIMETERS

Table 2

REPLY CODE	REPLY (AC20)
A	NOMINAL
B	MINIMUM
C	MAXIMUM

APP Key	MRC	Mode Code	Requirements

ALL*

HGTH J HEIGHT

Definition: A MEASUREMENT FROM THE BOTTOM TO THE TOP OF AN OBJECT, IN DISTINCTION FROM DEPTH.

Reply Instructions: Enter the applicable Reply Codes from Tables 1 and 2 below, followed by the numeric value. (e.g., HGTHJAA2.016*; HGTHJLA25.4*; HGTHJAB2.016$$JAC2.020*)

Table 1

REPLY CODE	REPLY (AA05)
A	INCHES
L	MILLIMETERS

Table 2

REPLY CODE	REPLY (AC20)
A	NOMINAL
B	MINIMUM
C	MAXIMUM

ALL*

AEJZ J DEPTH

Definition: A LINEAR MEASUREMENT FROM THE SURFACE TO A SPECIFIED INNER POINT ON AN ITEM, IN DISTINCTION FROM HEIGHT.

Reply Instructions: Enter the applicable Reply Codes from Tables 1 and 2 below, followed by the numeric value. (e.g., AEJZJAA1.375*; AEJZJLA25.4*; AEJZJAB1.375$$JAC1.380*)

Table 1

REPLY CODE	REPLY (AA05)
A	INCHES
L	MILLIMETERS

Table 2

REPLY CODE	REPLY (AC20)
A	NOMINAL
B	MINIMUM
C	MAXIMUM

APP Key	MRC	Mode Code	Requirements

ALL*

CBBL D FEATURES PROVIDED

Definition: THOSE FEATURES, NOT OTHERWISE SPECIFIED, WHICH MAY BE REQUIRED FOR PROPER FUNCTIONING OF THE ITEM

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., CBBLDFNY*)

REPLY CODE	REPLY (AN47)
FNY	ROHS DIRECTIVE COMPLIANCE

SECTION: D

APP Key	MRC	Mode Code	Requirements
ALL			
	NAME	D	ITEM NAME

Definition: A NOUN, WITH OR WITHOUT MODIFIERS, BY WHICH AN ITEM OF SUPPLY IS KNOWN.

Reply Instructions: Enter the applicable Item Name Code from the index appearing in the General Information Section. (e.g., NAMED00303*)

ALL			
	STYL	L	STYLE DESIGNATOR

Definition: THE STYLE DESIGNATION INDICATING THE CONFIGURATION THAT MOST NEARLY CORRESPONDS TO THE APPEARANCE OF THE ITEM.

Reply Instructions: Enter the group designator and applicable style number from Appendix B , Reference Drawing Group A. (e.g., STYLL18*)

ALL			
	ARLX	J	DC PRIMARY VOLTAGE RATING

Definition: THE VALUE, OR RANGE OF VALUES, OF DIRECT CURRENT PRIMARY POTENTIAL FOR WHICH THE ITEM IS RATED.

Reply Instructions: Enter the applicable Reply Codes from Tables 1 and 2 below, followed by the numeric value. (e.g., ARLXJVA12.0*; ARLXJVB14.0$$JVC29.0*)

For items that do not require a rating, change the Mode Code to K and enter Reply Code N. (e.g., ARLXKN*)

Table 1

REPLY CODE	REPLY (AB63)
K	KILOVOLTS
M	MEGAVOLTS
V	VOLTS

Table 2

REPLY CODE	REPLY (AC20)
A	NOMINAL
B	MINIMUM
C	MAXIMUM

APP Key	MRC	Mode Code	Requirements
ALL	ARLY	D	HIGH VOLTAGE TERMINAL TYPE
			Definition: INDICATES THE TYPE OF HIGH VOLTAGE TERMINALS FOR PROVIDING ELECTRICAL CONNECTION TO THE ITEM.
			Reply Instructions: Enter the applicable Reply Code from Appendix A , Table 1. (e.g., ARLYDBE)*
ALL	ARLZ	A	HIGH VOLTAGE TERMINAL QUANTITY
			Definition: THE NUMBER OF TERMINALS FOR PROVIDING HIGH VOLTAGE ELECTRICAL CONNECTION TO THE ITEM.
			Reply Instructions: Enter the quantity. (e.g., ARLZA1*)
ALL	ARMA	D	LOW VOLTAGE TERMINAL TYPE
			Definition: INDICATES THE TYPE OF LOW VOLTAGE TERMINALS FOR PROVIDING ELECTRICAL CONNECTION TO THE ITEM.
			Reply Instructions: Enter the applicable Reply Code from Appendix A , Table 1. (e.g., ARMADBB; ARMADBB$$DFW*)*
ALL*	ARMB	A	LOW VOLTAGE TERMINAL QUANTITY
			Definition: THE NUMBER OF TERMINALS FOR PROVIDING LOW VOLTAGE ELECTRICAL CONNECTION TO THE ITEM.
			Reply Instructions: Enter the quantity. (e.g., ARMBA2; ARMBA1$$A2*)*
ALL	ARNY	D	GROUND TERMINAL
			Definition: AN INDICATION OF WHETHER OR NOT THE ITEM IS PROVIDED WITH A GROUND TERMINAL.

APP Key	MRC	Mode Code	Requirements

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., ARNYDB*)

REPLY CODE	REPLY (AB22)
C	NOT PROVIDED
B	PROVIDED

ALL

AKPZ D INCLOSURE MATERIAL TYPE

Definition: INDICATES THE TYPE OF MATERIAL USED TO INCLOSE THE ITEM.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., AKPZDC*)

REPLY CODE	REPLY (AD93)
B	METALLIC
C	NONMETALLIC

ALL*

ARNZ D VIBRATOR ADJUSTABILITY

Definition: AN INDICATION OF WHETHER OR NOT THE VIBRATOR IS ADJUSTABLE.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., ARNZDC*)

REPLY CODE	REPLY (AB00)
A	ADJUSTABLE
C	NONADJUSTABLE

ALL*

ARPA D FILLING MEDIUM

Definition: THE SUBSTANCE WITH WHICH THE ITEM IS FILLED.

APP Key	MRC	Mode Code	Requirements

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., ARPADAF*)

REPLY CODE	REPLY (AK06)
AF	COMPOUND
AC	OIL

ALL*

ARPB D ACCOMMODATION TYPE

Definition: INDICATES THE TYPE OF ACCOMMODATION PROVIDED.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., ARPBDADG*; ARPBDADG$DADH*)

REPLY CODE	REPLY (AE15)
ADL	ARMORED IGNITION CABLE
ADG	IGNITION CONDENSER
ADH	IGNITION LOCK SWITCH

ALL*

AFHR D ACCESSORY COMPONENTS

Definition: THE ADDITIONAL PARTS SUPPLIED WITH THE ITEM WHICH MAY BE REQUIRED FOR APPLICATION.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., AFHRDADG*; AFHRDADG$$DADH*)

REPLY CODE	REPLY (AE15)
AMG	COIL ELECTRONIC BLOCK
ADG	IGNITION CONDENSER
ADH	IGNITION LOCK SWITCH
ADJ	IGNITION LOCK SWITCH ADAPTER
AMH	PRIMARY SERIES RESISTOR
ADK	RADIO INTERFERENCE SUPPRESSOR

ALL*

APP Key	MRC	Mode Code	Requirements
	ADZC	D	ENVIRONMENTAL PROTECTION

Definition: THE ENVIRONMENTAL ELEMENTS OR CONDITIONS THAT AN ITEM IS DESIGNED OR PROTECTED TO RESIST OR WITHSTAND SATISFACTORILY.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., ADZCDAQ*; ADZCDGK$$DGP*)

REPLY CODE	REPLY (AA65)
GK	CORROSION RESISTANT
GP	FUNGUS RESISTANT
GE	HERMETICALLY SEALED
GS	MOISTURE PROOF
ABQ	SALT SPRAY RESISTANT
JN	TROPICALIZED
AQ	WATERPROOF

ALL

	AHZV	D	SUBMERSIBILITY

Definition: AN INDICATION OF WHETHER OR NOT AN ITEM IS CAPABLE OF OPERATION WHILE SUBMERGED.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., AHZVDAB*)

REPLY CODE	REPLY (AG86)
AC	NONSUBMERSIBLE
AB	SUBMERSIBLE

ALL

	ALBH	D	RADIO INTERFERENCE SHIELDING

Definition: AN INDICATION OF WHETHER OR NOT SHIELDING AGAINST RADIO INTERFERENCE IS PROVIDED.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., ALBHDC*)

REPLY CODE	REPLY (AB22)

APP Key	MRC	Mode Code	Requirements
		C	NOT PROVIDED
		B	PROVIDED

ALL*

ARPC D MOUNTING REMOVABILITY

Definition: AN INDICATION OF WHETHER OR NOT THE MOUNTING IS REMOVABLE.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., ARPCDB*)

REPLY CODE	REPLY (AC29)
C	NONREMOVABLE
B	REMOVABLE

ALL*

CBBL D FEATURES PROVIDED

Definition: THOSE FEATURES, NOT OTHERWISE SPECIFIED, WHICH MAY BE REQUIRED FOR PROPER FUNCTIONING OF THE ITEM

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., CBBLDFNY*)

REPLY CODE	REPLY (AN47)
FNY	ROHS DIRECTIVE COMPLIANCE

SECTION: E

APP Key	MRC	Mode Code	Requirements
ALL			
	NAME	D	ITEM NAME
	Definition: A NOUN, WITH OR WITHOUT MODIFIERS, BY WHICH AN ITEM OF SUPPLY IS KNOWN.		
	Reply Instructions: Enter the applicable Item Name Code from the index appearing in the General Information Section. (e.g., NAMED18718*)		
ALL			
	ARPD	A	PRIMARY WINDING TURN QUANTITY
	Definition: THE NUMBER OF INDIVIDUAL PRIMARY WINDING TURNS.		
	Reply Instructions: (e.g., ARPDA160; ARPDA160$$A225*)*		
ALL			
	ARPE	A	PRIMARY WINDING AWG SIZE
	Definition: THE AMERICAN WIRE GAGE SIZE OF THE PRIMARY WINDING.		
	Reply Instructions: Enter the size. (e.g., ARPEA19; ARPEA19$$A20*)*		
	See Appendix C, Table 2, for converting circular mils or diameter to AWG size.		
ALL			
	ARPF	A	SECONDARY WINDING TURN QUANTITY
	Definition: THE NUMBER OF INDIVIDUAL SECONDARY WINDING TURNS.		
	Reply Instructions: Enter the quantity. (e.g., ARPFA14000; ARPFA10475$$14000*)*		
ALL			
	ARPG	A	SECONDARY WINDING AWG SIZE
	Definition: THE AMERICAN WIRE GAGE SIZE OF THE SECONDARY WINDING.		
	Reply Instructions: Enter the size. (e.g., ARPGA40; ARPGA20$$A36*)*		
	See Appendix C, Table 2, for converting circular mils or diameter to AWG size.		

APP Key	MRC	Mode Code	Requirements
ALL			
	ARPH	D	PRIMARY TERMINAL TYPE
	Definition: INDICATES THE TYPE OF PRIMARY TERMINALS FOR PROVIDING ELECTRICAL CONNECTION TO THE ITEM.		
	Reply Instructions: Enter the applicable Reply Code from Appendix A , Table 1. (e.g., ARPHDBB; ARPHDBB$$DCH*)*		
ALL			
	ARPJ	A	PRIMARY TERMINAL QUANTITY
	Definition: THE NUMBER OF PRIMARY TERMINALS FOR PROVIDING ELECTRICAL CONNECTION TO THE ITEM.		
	Reply Instructions: Enter the quantity. (e.g., ARPJA1 ARPJA1$$A1*)*		
ALL			
	ARPK	D	SECONDARY TERMINAL TYPE
	Definition: INDICATES THE TYPE OF SECONDARY TERMINALS FOR PROVIDING ELECTRICAL CONNECTION TO THE ITEM.		
	Reply Instructions: Enter the applicable Reply Code from Appendix A , Table 1. (e.g., ARPKDBB; ARPKDBBDCH*)*		
ALL			
	ARPL	A	SECONDARY TERMINAL QUANTITY
	Definition: THE NUMBER OF SECONDARY TERMINALS FOR PROVIDING ELECTRICAL CONNECTION TO THE ITEM.		
	Reply Instructions: Enter the quantity. (e.g., ARPLA1; ARPLA1$$A1*)*		
ALL*			
	ABRY	J	LENGTH
	Definition: A MEASUREMENT OF THE LONGEST DIMENSION OF ANY OBJECT, IN DISTINCTION FROM WIDTH.		

APP Key	MRC	Mode Code	Requirements

Reply Instructions: Enter the applicable Reply Codes from Tables 1 and 2 below, followed by the numeric value. (e.g., ABRYJAA2.625*; ABRYJLA25.4*; ABRYJAB2.625$$JAC2.630*)

Table 1

REPLY CODE	REPLY (AA05)
A	INCHES
L	MILLIMETERS

Table 2

REPLY CODE	REPLY (AC20)
A	NOMINAL
B	MINIMUM
C	MAXIMUM

ALL*

ABGL J WIDTH

Definition: A MEASUREMENT TAKEN AT RIGHT ANGLES TO THE LENGTH OF AN ITEM, IN DISTINCTION FROM THICKNESS.

Reply Instructions: Enter the applicable Reply Codes from Tables 1 and 2 below, followed by the numeric value. (e.g., ABGLJAA1.750*; ABGLJLA25.4*; ABGLJAB1.750$$JAC1.755*)

Table 1

REPLY CODE	REPLY (AA05)
A	INCHES
L	MILLIMETERS

Table 2

REPLY CODE	REPLY (AC20)
A	NOMINAL
B	MINIMUM
C	MAXIMUM

ALL*

ABMZ J DIAMETER

APP
Key MRC Mode Code Requirements

Definition: THE LENGTH OF A STRAIGHT LINE PASSING THROUGH THE CENTER OF A CIRCULAR FIGURE OR BODY, AND TERMINATING AT THE CIRCUMFERENCE.

Reply Instructions: Enter the applicable Reply Codes from Tables 1 and 2 below, followed by the numeric value. (e.g., ABMZJAA2.281*; ABMZJLA25.4*; ABMZJAB2.281$$JAC2.286*)

Table 1

REPLY CODE	REPLY (AA05)
A	INCHES
L	MILLIMETERS

Table 2

REPLY CODE	REPLY (AC20)
A	NOMINAL
B	MINIMUM
C	MAXIMUM

ALL*

HGTH J HEIGHT

Definition: A MEASUREMENT FROM THE BOTTOM TO THE TOP OF AN OBJECT, IN DISTINCTION FROM DEPTH.

Reply Instructions: Enter the applicable Reply Codes from Tables 1 and 2 below, followed by the numeric value. (e.g., HGTHJAA2.016*; HGTHJLA25.4*; HGTHJAB2.016$$JAC2.021*)

Table 1

REPLY CODE	REPLY (AA05)
A	INCHES
L	MILLIMETERS

Table 2

REPLY CODE	REPLY (AC20)
A	NOMINAL
B	MINIMUM
C	MAXIMUM

ALL*

APP Key	MRC	Mode Code	Requirements
	AEJZ	J	DEPTH

Definition: A LINEAR MEASUREMENT FROM THE SURFACE TO A SPECIFIED INNER POINT ON AN ITEM, IN DISTINCTION FROM HEIGHT.

Reply Instructions: Enter the applicable Reply Codes from Tables 1 and 2 below, followed by the numeric value. (e.g., AEJZJAA0.750*; AEJZJLA25.4*; AEJZJAB0.750$$JAC0.755*)

Table 1

REPLY CODE	REPLY (AA05)
A	INCHES
L	MILLIMETERS

Table 2

REPLY CODE	REPLY (AC20)
A	NOMINAL
B	MINIMUM
C	MAXIMUM

ALL

	ARPM	D	CORE

Definition: AN INDICATION OF WHETHER OR NOT A CORE IS INCLUDED.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., ARPMDB*)

REPLY CODE	REPLY (AA49)
B	INCLUDED
C	NOT INCLUDED

ALL*

	AKMJ	J	CORE LENGTH

Definition: A MEASUREMENT OF THE LONGEST DIMENSION OF THE CORE, IN DISTINCTION FROM WIDTH.

APP Key	MRC	Mode Code	Requirements

Reply Instructions: Enter the applicable Reply Codes from Tables 1 and 2 below, followed by the numeric value. (e.g., AKMJJAA3.125*; AKMJJLA25.4*; AKMJJAB3.125$$JAC3.130*)

Table 1

REPLY CODE	REPLY (AA05)
A	INCHES
L	MILLIMETERS

Table 2

REPLY CODE	REPLY (AC20)
A	NOMINAL
B	MINIMUM
C	MAXIMUM

ALL*

AKMK J CORE WIDTH

Definition: A MEASUREMENT TAKEN AT RIGHT ANGLES TO THE LENGTH OF THE CORE, IN DISTINCTION FROM THICKNESS.

Reply Instructions: Enter the applicable Reply Codes from Tables 1 and 2 below, followed by the numeric value. (e.g., AKMKJAA0.625*; AKMKJLA25.4*; AKMKJAB0.625$$JAC0.630*)

Table 1

REPLY CODE	REPLY (AA05)
A	INCHES
L	MILLIMETERS

Table 2

REPLY CODE	REPLY (AC20)
A	NOMINAL
B	MINIMUM
C	MAXIMUM

ALL*

AKMH J CORE DIAMETER

Definition: THE LENGTH OF A STRAIGHT LINE WHICH PASSES THROUGH THE CENTER OF THE CORE, AND TERMINATES AT THE CIRCUMFERENCE.

APP Key	MRC	Mode Code	Requirements

Reply Instructions: Enter the applicable Reply Codes from Tables 1 and 2 below, followed by the numeric value. (e.g., AKMHJAA0.500*; AKMHJLA25.4*; AKMHJAB0.500$$JAC0.505*)

Table 1

REPLY CODE	REPLY (AA05)
A	INCHES
L	MILLIMETERS

Table 2

REPLY CODE	REPLY (AC20)
A	NOMINAL
B	MINIMUM
C	MAXIMUM

ALL*

ARPN J CORE HEIGHT

Definition: A MEASUREMENT FROM THE BOTTOM TO THE TOP OF THE CORE, IN DISTINCTION FROM DEPTH.

Reply Instructions: Enter the applicable Reply Codes from Tables 1 and 2 below, followed by the numeric value. (e.g., ARPNJAA0.391*; ARPNJLA25.4*; ARPNJAB0.391$$JAC0.396*)

Table 1

REPLY CODE	REPLY (AA05)
A	INCHES
L	MILLIMETERS

Table 2

REPLY CODE	REPLY (AC20)
A	NOMINAL
B	MINIMUM
C	MAXIMUM

ALL*

AJFD J CORE DEPTH

Definition: A MEASUREMENT BETWEEN SPECIFIED POINTS ON A CORE IN DISTINCTION FROM HEIGHT.

APP Key	MRC	Mode Code	Requirements

Reply Instructions: Enter the applicable Reply Codes from Tables 1 and 2 below, followed by the numeric value. (e.g., AJFDJAA0.688*; AJFDJLA25.4*; AJFDJAB0.688$$JAC0.692*)

Table 1

REPLY CODE	REPLY (AA05)
A	INCHES
L	MILLIMETERS

Table 2

REPLY CODE	REPLY (AC20)
A	NOMINAL
B	MINIMUM
C	MAXIMUM

ALL

AGBE D IMPREGNATION MATERIAL

Definition: THE ELEMENT, COMPOUND, OR MIXTURE WITH WHICH THE ITEM IS SATURATED.

Reply Instructions: Enter the applicable Reply Code from Appendix A , Table 2. (e.g., AGBEDCE0000*; AGBEDPC0000$DRX0000*)

ALL

ABWP D FRAME

Definition: AN INDICATION OF WHETHER OF NOT A FRAME IS INCLUDED.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., ABWPDB*)

REPLY CODE	REPLY (AA49)
B	INCLUDED
C	NOT INCLUDED

NOTE FOR MRC ARPP: IF REPLY CODE C IS ENTERED FOR MRC ABWP, REPLY TO MRC ARPP.

ALL* (See Note Above)

APP Key	MRC	Mode Code	Requirements
	ARPP	D	EXTERIOR INSULATION MATERIAL

Definition: THE COMPOSITION OF WHICH THE EXTERIOR INSULATION IS FABRICATED.

Reply Instructions: Enter the applicable Reply Code from Appendix A , Table 2. (e.g., ARPPDTG0000*; ARPPDPC0000$$DTG0000$DTGA000*)

ALL*

	ALGC	G	MOUNTING CONFIGURATION

Definition: THE PATTERN OR ARRANGEMENT THAT DESCRIBES THE MOUNTING CONFIGURATION OF THE ITEM.

Reply Instructions: Enter the reply in clear text. (e.g., ALGCGTWO 15/64 IN. SLOTS LOCATED 2-3/8 IN. END TO END*)

ALL*

	MARK	G	SPECIAL MARKINGS

Definition: MARKINGS INCLUDED ON AN ITEM FOR THE PURPOSE OF OFFERING INSTRUCTIONS OR WARNINGS OR TO INDICATE THE PURPOSE, FUNCTION, OR APPLICATION OF THE ITEM. EXCLUDES MANUFACTURERS PART NUMBERS, SYMBOLS, OR THE LIKE.

Reply Instructions: Enter the reply in clear text. (e.g., MARKGBENDIX, STAMPED ON TWO SIDES OF CORE*)

ALL*

	CBBL	D	FEATURES PROVIDED

Definition: THOSE FEATURES, NOT OTHERWISE SPECIFIED, WHICH MAY BE REQUIRED FOR PROPER FUNCTIONING OF THE ITEM

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., CBBLDFNY*)

REPLY CODE	REPLY (AN47)
FNY	ROHS DIRECTIVE COMPLIANCE

SECTION: F

APP Key	MRC	Mode Code	Requirements
ALL			
	NAME	D	ITEM NAME

Definition: A NOUN, WITH OR WITHOUT MODIFIERS, BY WHICH AN ITEM OF SUPPLY IS KNOWN.

Reply Instructions: Enter the applicable Item Name Code from the index appearing in the General Information Section. (e.g., NAMED19969*)

FB

ACDC	D	CURRENT TYPE

Definition: INDICATES THE TYPE OF CURRENT WHETHER ALTERNATING, DIRECT, OR BOTH.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., ACDCDC*; ACDCDB$DC*)

REPLY CODE	REPLY (AB62)
B	AC
C	DC

FB*

ACYN	J	AC VOLTAGE RATING

Definition: THE VALUE, OR RANGE OF VALUES, OF ROOT MEAN SQUARE POTENTIAL FOR WHICH THE ITEM IS RATED.

Reply Instructions: Enter the applicable Reply Codes from Tables 1 and 2 below, followed by the numeric value. (e.g., ACYNJVA115.0*; ACYNJVA110.0$$JVA220.0*; ACYNJVB15.0$$JVC16.0*)

Table 1

REPLY CODE	REPLY (AB63)
K	KILOVOLTS
U	MICROVOLTS
L	MILLIVOLTS
V	VOLTS

Table 2

APP Key	MRC	Mode Code	Requirements

REPLY CODE	REPLY (AC20)
A	NOMINAL
B	MINIMUM
C	MAXIMUM

FB*

ACZB J FREQUENCY RATING

Definition: THE NUMBER OF COMPLETE CYCLIC CHANGES, PER UNIT OF TIME, FOR WHICH AN ITEM IS RATED.

Reply Instructions: Enter the applicable Reply Codes from Tables 1 and 2 below, followed by the numeric value. (e.g., ACZBJEA60.0*; ACZBJEB50.0$$JEC60.0*)

Table 1

REPLY CODE	REPLY (AC32)
G	GIGAHERTZ
E	HERTZ
K	KILOHERTZ
M	MEGAHERTZ

Table 2

REPLY CODE	REPLY (AC20)
A	NOMINAL
B	MINIMUM
C	MAXIMUM

FB*

FAAZ D PHASE

Definition: THE NUMBER OF ALTERNATING CURRENT PHASES.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., FAAZDC*; FAAZDA$$DC*; FAAZDA$DC*)

REPLY CODE	REPLY (AD02)
A	SINGLE
C	THREE
B	TWO

APP Key	MRC	Mode Code	Requirements

FB*

ACYR J DC VOLTAGE RATING

Definition: THE VALUE, OR RANGE OF VALUES, OF DIRECT CURRENT POTENTIAL FOR WHICH THE ITEM IS RATED.

Reply Instructions: Enter the applicable Reply Codes from Tables 1 and 2 below, followed by the numeric value. (e.g., ACYRJVA24.0*; ACYRJVA6.0$$JVA12.0*; ACYRJVB24.0$$JVC26.0*)

Table 1

REPLY CODE	REPLY (AB63)
K	KILOVOLTS
U	MICROVOLTS
L	MILLIVOLTS
V	VOLTS

Table 2

REPLY CODE	REPLY (AC20)
A	NOMINAL
B	MINIMUM
C	MAXIMUM

FB*

AWXM B LOCK TEST MAXIMUM AMPS

Definition: THE MAXIMUM AMOUNT OF AMPERES THE ITEM CAN WITHSTAND WITHOUT DESTRUCTION.

Reply Instructions: Enter the numeric value. (e.g., AWXMB1360.0*)

ALL

AWTS A MAIN POLE QUANTITY

Definition: THE NUMBER OF MAIN POLES INCLUDED.

Reply Instructions: Enter the quantity. (e.g., AWTSA4*)

ALL*

AWTT A COMMUTATING POLE QUANTITY

APP Key	MRC	Mode Code	Requirements

Definition: THE NUMBER OF COMMUTATING POLES INCLUDED.

Reply Instructions: Enter the quantity. (e.g., AWTTA2*)

ALL

TTQY J TERMINAL AND QUANTITY

Definition: INDICATES THE TYPE AND NUMBER OF TERMINALS FOR PROVIDING ELECTRICAL CONNECTION.

Reply Instructions: Enter the applicable Reply Code from Appendix A , Table 1, followed by the quantity. (e.g., TTQYJAAM2; TTQYJAAM1$$JACC1*; TTQYJACC2$JACB2*)*

FB*

AWXN A BRUSH QUANTITY

Definition: THE NUMBER OF BRUSHES INCLUDED WITH THE ITEM.

Reply Instructions: Enter the quantity. (e.g., AWXNA4*)

ALL

ABWP D FRAME

Definition: AN INDICATION OF WHETHER OR NOT A FRAME IS INCLUDED.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., ABWPDB*)

REPLY CODE	REPLY (AA49)
B	INCLUDED
C	NOT INCLUDED

ALL*

AWXP D COMMUTATOR END MOUNTING FIT TYPE

APP Key	MRC	Mode Code	Requirements

Definition: INDICATES THE TYPE OF FIT PROVIDED FOR MOUNTING ON THE COMMUTATOR END.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., AWXPDER*; AWXPDER$DES*)

REPLY CODE	REPLY (AA78)
ER	GASKET
ES	MACHINE

ALL*

AWXQ J COMMUTATOR END MOUNTING HOLE TYPE AND QUANTITY

Definition: INDICATES THE TYPE AND NUMBER OF MOUNTING HOLES PROVIDED IN THE COMMUTATOR END.

Reply Instructions: Enter the applicable Reply Code from the table below, followed by the quantity. (e.g., AWXQJET4*; AWXQJET4$$JEW2*)

REPLY CODE	REPLY (AA78)
ET	PLAIN
EW	THREADED

ALL*

AWYK J COMMUTATOR END MOUNTING ALIGNING FACILITY TYPE AND QUANTITY

Definition: INDICATES THE TYPE AND NUMBER OF ALIGNING FACILITIES PROVIDED FOR COMMUTATOR AND MOUNTING.

Reply Instructions: Enter the applicable Reply Code from the table below, followed by the quantity. (e.g., AWYKJEX1*; AWYKJEX1$$JEZ1*)

REPLY CODE	REPLY (AA78)
EX	KEY
EY	KEYWAY
EZ	PIN
TQ	SLOT

APP Key	MRC	Mode Code	Requirements

ALL*

AWYL D COMMUTATOR END MOUNTING EAR

Definition: AN INDICATION OF WHETHER OR NOT THE COMMUTATOR END IS PROVIDED WITH MOUNTING EARS.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., AWYLDB*)

REPLY CODE	REPLY (AB22)
C	NOT PROVIDED
B	PROVIDED

ALL*

AWYM D COMMUTATOR END MOUNTING INSPECTION OPENING

Definition: AN INDICATION OF WHETHER OR NOT THE COMMUTATOR END IS PROVIDED WITH MOUNTING INSPECTION OPENINGS.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., AWYMDC*)

REPLY CODE	REPLY (AB22)
C	NOT PROVIDED
B	PROVIDED

ALL*

AWYN A COMMUTATOR END MOUNTING STUD QUANTITY

Definition: THE NUMBER OF MOUNTING STUDS PROVIDED ON THE COMMUTATOR END.

Reply Instructions: Enter the quantity. (e.g., AWYNA8*)

ALL*

APP Key	MRC	Mode Code	Requirements
	AWYP	D	DRIVE END MOUNTING FIT TYPE

Definition: INDICATES THE TYPE OF FIT PROVIDED FOR MOUNTING THE DRIVE END.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., AWYPDES*; AWYPDER$DES*)

REPLY CODE	REPLY (AA78)
ER	GASKET
ES	MACHINE

ALL*

	AWYQ	J	DRIVE END MOUNTING HOLE TYPE AND QUANTITY

Definition: THE TYPE AND NUMBER OF MOUNTING HOLES PROVIDED IN THE DRIVE END.

Reply Instructions: Enter the applicable Reply Code from the table below, followed by the quantity. (e.g., AWYQJEW12*; AWYQJET1$$JEW7*)

REPLY CODE	REPLY (AA78)
ET	PLAIN
EW	THREADED

ALL*

	AWYR	J	DRIVE END MOUNTING ALIGNING FACILITY TYPE AND QUANTITY

Definition: THE TYPE AND NUMBER OF ALIGNING FACILITIES PROVIDED FOR DRIVE END MOUNTING.

Reply Instructions: Enter the applicable Reply Code from the table below, followed by the quantity. (e.g., AWYRJEZ2*; AWYRJEX1$$JEZ1*)

REPLY CODE	REPLY (AA78)
EX	KEY
EY	KEYWAY
EZ	PIN

APP Key	MRC	Mode Code	Requirements
		TQ	SLOT

ALL*

AWYS D DRIVE END MOUNTING EAR

Definition: AN INDICATION OF WHETHER OR NOT THE DRIVE END IS PROVIDED WITH MOUNTING EARS.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., AWYSDC*)

REPLY CODE	REPLY (AB22)
C	NOT PROVIDED
B	PROVIDED

ALL*

AWYT D DRIVE END MOUNTING INSPECTION OPENING

Definition: AN INDICATION OF WHETHER OR NOT THE DRIVE END IS PROVIDED WITH MOUNTING INSPECTION OPENINGS.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., AWYTDC*)

REPLY CODE	REPLY (AB22)
C	NOT PROVIDED
B	PROVIDED

ALL

AWYW D EXTERNAL ATTACHMENT MOUNTING FACILITIES

Definition: AN INDICATION OF WHETHER OR NOT FACILITIES ARE PROVIDED FOR MOUNTING EXTERNAL ATTACHMENTS.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., AWYWDC*)

APP Key	MRC	Mode Code	Requirements

REPLY CODE	REPLY (AB22)
C	NOT PROVIDED
B	PROVIDED

ALL*

ARKP J MOUNTING FACILITY TYPE AND QUANTITY

Definition: INDICATES THE TYPE AND NUMBER OF FACILITIES BY WHICH THE ITEM IS MOUNTED.

Reply Instructions: Enter the applicable Reply Code from the table below, followed by the quantity. (e.g., AFHGJAGL; AFHGJAFA$ACF*; AFHGJAGL$$JACF*)*

REPLY CODE	REPLY (AB89)
AGL	MACHINE SCREW
AFA	THREADED HOLE
ACF	THREADED STUD

ALL*

AWYX G MOUNTING FACILITY SIZE

Definition: DESIGNATES THE MOUNTING FACILITY SIZE.

Reply Instructions: Enter the reply in clear text.

(e.g., AWYXG1/4-20 UNC BY 1/4 IN. DEEP*) Separate multiple replies with a semicolon and enter in the same sequence as MRC AFHG.

(e.g., AWYXG1/4-20 UNC BY 1/4 IN. DEEP; NO.10-32 NF BY 5/16 IN. DEEP*)

ALL*

ARKQ G MOUNTING FACILITY SPACING

Definition: THE MEASURED DISTANCE BETWEEN THE MOUNTING FACILITIES.

Reply Instructions: Enter the reply in clear text.

APP Key	MRC	Mode Code	Requirements

(e.g., ARKQG40 DEG APART BY 1-1/2 IN. C TO C*) Separate multiple replies with a semicolon and enter in the same sequence as MRC AFHG. (e.g., ARKQG40 DEG APART; 55 DEG APART*)

ALL*

ABRY J LENGTH

Definition: A MEASUREMENT OF THE LONGEST DIMENSION OF ANY OBJECT, IN DISTINCTION FROM WIDTH.

Reply Instructions: Enter the applicable Reply Codes from Tables 1 and 2 below, followed by the numeric value. (e.g., ABRYJAA3.625*; ABRYJLA25.4*; ABRYJAB3.620$$JAC3.625*)

Table 1

REPLY CODE	REPLY (AA05)
A	INCHES
L	MILLIMETERS

Table 2

REPLY CODE	REPLY (AC20)
A	NOMINAL
B	MINIMUM
C	MAXIMUM

ALL*

ABMZ J DIAMETER

Definition: THE LENGTH OF A STRAIGHT LINE PASSING THROUGH THE CENTER OF A CIRCULAR FIGURE OR BODY, AND TERMINATING AT THE CIRCUMFERENCE.

Reply Instructions: Enter the applicable Reply Codes from Tables 1 and 2 below, followed by the numeric value. (e.g., ABMZJAA5.000*; ABMZJLA25.4*; ABMZJAB5.000$$JAC5.010*)

Table 1

REPLY CODE	REPLY (AA05)
A	INCHES
L	MILLIMETERS

Table 2

APP Key	MRC	Mode Code	Requirements

REPLY CODE	REPLY (AC20)
A	NOMINAL
B	MINIMUM
C	MAXIMUM

ALL*

ABGL J WIDTH

Definition: A MEASUREMENT TAKEN AT RIGHT ANGLES TO THE LENGTH OF AN ITEM, IN DISTINCTION FROM THICKNESS.

Reply Instructions: Enter the applicable Reply Codes from Tables 1 and 2 below, followed by the numeric value. (e.g., ABGLJAA6.156*; ABGLJLA25.4*; ABGLJAB6.150$$JAC6.156*)

Table 1

REPLY CODE	REPLY (AA05)
A	INCHES
L	MILLIMETERS

Table 2

REPLY CODE	REPLY (AC20)
A	NOMINAL
B	MINIMUM
C	MAXIMUM

ALL*

HGTH J HEIGHT

Definition: A MEASUREMENT FROM THE BOTTOM TO THE TOP OF AN OBJECT, IN DISTINCTION FROM DEPTH.

Reply Instructions: Enter the applicable Reply Codes from Tables 1 and 2 below, followed by the numeric value. (e.g., HGTHJAA8.078*; HGTHJLA25.4*; HGTHJAB8.078$$JAC8.084*)

Table 1

REPLY CODE	REPLY (AA05)
A	INCHES
L	MILLIMETERS

Table 2

APP Key	MRC	Mode Code	Requirements

REPLY CODE	REPLY (AC20)
A	NOMINAL
B	MINIMUM
C	MAXIMUM

ALL*

AARX J INSIDE DIAMETER

Definition: THE LENGTH OF A STRAIGHT LINE PASSING THROUGH THE CENTER OF A CIRCULAR FIGURE OR BODY, WITH TERMINATED POINTS AT THE INSIDE PERIPHERY.

Reply Instructions: Enter the applicable Reply Codes from Tables 1 and 2 below, followed by the numeric value. (e.g., AARXJAA3.270*; AARXJLA25.4*; AARXJAB3.270$$JAC3.275*)

Table 1

REPLY CODE	REPLY (AA05)
A	INCHES
L	MILLIMETERS

Table 2

REPLY CODE	REPLY (AC20)
A	NOMINAL
B	MINIMUM
C	MAXIMUM

FB

AHZV D SUBMERSIBILITY

Definition: AN INDICATION OF WHETHER OR NOT AN ITEM IS CAPABLE OF OPERATION WHILE SUBMERGED.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., AHZVDAC*)

REPLY CODE	REPLY (AG86)
AC	NONSUBMERSIBLE
AB	SUBMERSIBLE

APP Key	MRC	Mode Code	Requirements

FB*

ADZC D ENVIRONMENTAL PROTECTION

Definition: THE ENVIRONMENTAL ELEMENTS OR CONDITIONS THAT AN ITEM IS DESIGNED OR PROTECTED TO RESIST OR WITHSTAND SATISFACTORILY.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., ADZCDGK*; ADZCDGK$$DGP*)

REPLY CODE	REPLY (AA65)
GK	CORROSION RESISTANT
GP	FUNGUS RESISTANT
ABQ	SALT SPRAY RESISTANT

ALL*

CBBL D FEATURES PROVIDED

Definition: THOSE FEATURES, NOT OTHERWISE SPECIFIED, WHICH MAY BE REQUIRED FOR PROPER FUNCTIONING OF THE ITEM

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., CBBLDFNY*)

REPLY CODE	REPLY (AN47)
FNY	ROHS DIRECTIVE COMPLIANCE

SECTION: G

APP Key	MRC	Mode Code	Requirements
ALL			
	NAME	D	ITEM NAME

Definition: A NOUN, WITH OR WITHOUT MODIFIERS, BY WHICH AN ITEM OF SUPPLY IS KNOWN.

Reply Instructions: Enter the applicable Item Name Code from the index appearing in the General Information Section. (e.g., NAMED17975*)

ALL			
	APGF	D	DESIGN TYPE

Definition: INDICATES THE DESIGN TYPE OF THE ITEM.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., APGFDAKF*; APGFDAKG$DAKH*)

REPLY CODE	REPLY (AK54)
AKF	LEVER
AKG	PULL
AKH	PUSH
AKJ	ROTATING SHAFT

ALL			
	ALBY	D	USAGE DESIGN

Definition: INDICATES THE DESIGNED USE OF THE ITEM.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., ALBYDAFE*; ALBYDAFE$DAFF*)

REPLY CODE	REPLY (AH21)
AFE	STARTER MOTOR CONTACT TERMINAL
AFF	VACUUM LOCK-OUT

ALL			
	AWYY	D	CONTACT BREAK TYPE

APP Key	MRC	Mode Code	Requirements

Definition: INDICATES THE TYPE OF CONTACT BREAK(S) PROVIDED.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., AWYYDBG*)

REPLY CODE	REPLY (AJ27)
BF	DOUBLE
BG	SINGLE

ALL

AWYZ D AUTOMATIC CHOKE TERMINAL

Definition: AN INDICATION OF WHETHER OR NOT AN AUTOMATIC CHOKE TERMINAL IS INCLUDED.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., AWYZDC*)

REPLY CODE	REPLY (AA49)
B	INCLUDED
C	NOT INCLUDED

ALL

TTQY J TERMINAL TYPE AND QUANTITY

Definition: INDICATES THE TYPE AND NUMBER OF TERMINALS FOR PROVIDING ELECTRICAL CONNECTION.

Reply Instructions: Enter the applicable Reply Code from Appendix A , Table 1, followed by the quantity. (e.g., TTQYJAAM2; TTQYJAAM1$$JACC1*; TTQYJACC2$JACB2*)*

ALL

AXGY D MOUNTING METHOD

Definition: THE MEANS OF ATTACHING THE ITEM.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., AXGYDABY*; AXGYDABD$DACT*)

APP Key	MRC	Mode Code	Requirements

REPLY CODE	REPLY (AM39)
ACT	BLIND FASTENER
ABD	BUSHING
ABY	SLOT
ACS	THREAD
ACQ	UNTHREADED HOLE

NOTE FOR MRCS AWYX, AKPV, ABVG, ABTD, ARKQ, AND ABTB: IF REPLY CODE ACT OR ABD IS ENTERED FOR MRC AXGY, REPLY TO MRC AWYX. IF REPLY CODE ABY IS ENTERED FOR MRC AXGY, REPLY TO MRCS AKPV, ABVG, ABTD, AND ARKQ. IF REPLY CODE ACQ IS ENTERED FOR MRC AXGY, REPLY TO MRCS AKPV, ARKQ, AND ABTB.

ALL* (See Note Above)

AWYX G MOUNTING FACILITY SIZE

Definition: DESIGNATES THE SIZE OF THE MOUNTING FACILITY.

Reply Instructions: Enter the reply in clear text.

(e.g., AWYXG5/8 IN.-32 THD*)

ALL* (See Note Preceding MRC AWYX)

AKPV A MOUNTING FACILITY QUANTITY

Definition: THE NUMBER OF MOUNTING FACILITIES PROVIDED.

Reply Instructions: Enter the quantity. (e.g., AKPVA2*)

ALL* (See Note Preceding MRC AWYX)

ABVG J MOUNTING SLOT LENGTH

Definition: A MEASUREMENT OF THE LONGEST DIMENSION OF THE MOUNTING SLOT, IN DISTINCTION FROM WIDTH.

Reply Instructions: Enter the applicable Reply Codes from Tables 1 and 2 below, followed by the numeric value. (e.g., ABVGJAA0.250*; ABVGJLA25.4*; ABVGJAB0.250$$JAC0.260*)

Table 1

REPLY CODE	REPLY (AA05)
A	INCHES

APP Key	MRC	Mode Code	Requirements
		L	MILLIMETERS

Table 2

REPLY CODE	REPLY (AC20)
A	NOMINAL
B	MINIMUM
C	MAXIMUM

ALL* (See Note Preceding MRC AWYX)

ABTD J MOUNTING SLOT WIDTH

Definition: A MEASUREMENT TAKEN AT RIGHT ANGLES TO THE LENGTH OF THE MOUNTING SLOT, IN DISTINCTION FROM THICKNESS.

Reply Instructions: Enter the applicable Reply Codes from Tables 1 and 2 below, followed by the numeric value. (e.g., ABTDJAA0.125*; ABTDJLA25.4*; ABTDJAB0.120$$JAC0.125*)

Table 1

REPLY CODE	REPLY (AA05)
A	INCHES
L	MILLIMETERS

Table 2

REPLY CODE	REPLY (AC20)
A	NOMINAL
B	MINIMUM
C	MAXIMUM

ALL* (See Note Preceding MRC AWYX)

ARKQ G MOUNTING FACILITY SPACING

Definition: THE DISTANCE BETWEEN THE MOUNTING FACILITIES.

Reply Instructions: Enter the reply in clear text. (e.g., ARKQGHOLES SPACED 23/32 IN. FROM CENTER OF CASE*)

ALL* (See Note Preceding MRC AWYX)

ABTB J MOUNTING HOLE DIAMETER

APP Key	MRC	Mode Code	Requirements

Definition: THE LENGTH OF A STRAIGHT LINE WHICH PASSES THROUGH THE CENTER OF A MOUNTING HOLE, AND TERMINATES AT THE CIRCUMFERENCE.

Reply Instructions: Enter the applicable Reply Codes from Tables 1 and 2 below, followed by the numeric value. (e.g., ABTBJAA0.219*; ABTBJLA25.4*; ABTBJAB0.215$$JAC0.219*)

Table 1

REPLY CODE	REPLY (AA05)
A	INCHES
L	MILLIMETERS

Table 2

REPLY CODE	REPLY (AC20)
A	NOMINAL
B	MINIMUM
C	MAXIMUM

ALL*

ADZC D ENVIRONMENTAL PROTECTION

Definition: THE ENVIRONMENTAL ELEMENTS OR CONDITIONS THAT AN ITEM IS DESIGNED OR PROTECTED TO RESIST OR WITHSTAND SATISFACTORILY.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., ADZCDAQ*; ADZCDAQ$$DBV*)

REPLY CODE	REPLY (AA65)
BV	DUSTPROOF
GP	FUNGUS RESISTANT
ABQ	SALT SPRAY RESISTANT
AQ	WATERPROOF

ALL

AHZV D SUBMERSIBILITY

Definition: AN INDICATION OF WHETHER OR NOT AN ITEM IS CAPABLE OF OPERATION WHILE SUBMERGED.

APP Key	MRC	Mode Code	Requirements

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., AHZVDAB*)

REPLY CODE	REPLY (AG86)
AC	NONSUBMERSIBLE
AB	SUBMERSIBLE

ALL*

CBBL D FEATURES PROVIDED

Definition: THOSE FEATURES, NOT OTHERWISE SPECIFIED, WHICH MAY BE REQUIRED FOR PROPER FUNCTIONING OF THE ITEM

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., CBBLDFNY*)

REPLY CODE	REPLY (AN47)
FNY	ROHS DIRECTIVE COMPLIANCE

SECTION: H

APP Key	MRC	Mode Code	Requirements
ALL			
	NAME	D	ITEM NAME

Definition: A NOUN, WITH OR WITHOUT MODIFIERS, BY WHICH AN ITEM OF SUPPLY IS KNOWN.

Reply Instructions: Enter the applicable Item Name Code from the index appearing in the General Information Section. (e.g., NAMED17084*)

ALL			
	AWYG	J	NOMINAL VOLTAGE RATING

Definition: THE NOMINAL VALUE(S) OF POTENTIAL FOR WHICH THE ITEM IS RATED.

Reply Instructions: Enter the applicable Reply Code from the table below, followed by the numeric value. (e.g., AWYGJV24.0*)

For items that do not require a rating, change the Mode Code to K and enter Reply Code N. (e.g., AWYGKN*)

REPLY CODE	REPLY (AB63)
K	KILOVOLTS
M	MEGA VOLTS
V	VOLTS

ALL			
	AWZB	J	CLOSING VOLTAGE RATING

Definition: THE VOLTAGE RATING AT WHICH THE ITEM WILL CLOSE.

Reply Instructions: Enter the applicable Reply Codes from Tables 1 and 2 below, followed by the numeric value. (e.g., AWZBJVA8.5*; AWZBJVB3.5$$JVC4.5*)

For items that do not require a rating, change the Mode Code to K and enter Reply Code N. (e.g., AWZBKN*)

Table 1

REPLY CODE	REPLY (AB63)
K	KILOVOLTS
M	MEGA VOLTS

APP Key	MRC	Mode Code	Requirements
		V	VOLTS

Table 2

REPLY CODE	REPLY (AC20)
A	NOMINAL
B	MINIMUM
C	MAXIMUM

ALL

AXAY J OPENING VOLTAGE RATING

Definition: THE VOLTAGE RATING AT WHICH THE ITEM WILL OPEN.

Reply Instructions: Enter the applicable Reply Codes from Tables 1 and 2 below, followed by the numeric value. (e.g., AXAYJVA3.5*; AXAYJVB3.5$$JVC4.2*)

For items that do not require a rating, change the Mode Code to K and enter Reply Code N. (e.g., AXAYKN*)

Table 1

REPLY CODE	REPLY (AB63)
K	KILOVOLTS
M	MEGA VOLTS
V	VOLTS

Table 2

REPLY CODE	REPLY (AC20)
A	NOMINAL
B	MINIMUM
C	MAXIMUM

ALL

AXAZ J PULL-IN CURRENT

Definition: THE AMOUNT OF CURRENT REQUIRED TO ACTIVATE THE ITEM.

Reply Instructions: Enter the applicable Reply Codes from Tables 1 and 2 below, followed by the numeric value. (e.g., AXAZJAA36.5*; AXAZJAB34.7$$JAC38.2*)

APP Key	MRC	Mode Code	Requirements

For items that do not require a rating, change the Mode Code to K and enter Reply Code N. (e.g., AXAZKN*)

Table 1

REPLY CODE	REPLY (AC30)
A	AMPERES
U	MICROAMPERES
L	MILLIAMPERES

Table 2

REPLY CODE	REPLY (AC20)
A	NOMINAL
B	MINIMUM
C	MAXIMUM

ALL

AXBA J HOLD-IN CURRENT

Definition: THE AMOUNT OF CURRENT REQUIRED TO MAINTAIN OPERATION OF THE ITEM.

Reply Instructions: Enter the applicable Reply Codes from Tables 1 and 2 below, followed by the numeric value. (e.g., AXBAJAA7.6*; AXBAJAB7.3$$JAC8.3*)

Table 1

REPLY CODE	REPLY (AC30)
A	AMPERES
U	MICROAMPERES
L	MILLIAMPERES

Table 2

REPLY CODE	REPLY (AC20)
A	NOMINAL
B	MINIMUM
C	MAXIMUM

ALL

AXBD J PLUNGER STROKE LENGTH

Definition: THE MEASURED DISTANCE OF THE PLUNGER STROKE.

APP Key	MRC	Mode Code	Requirements

Reply Instructions: Enter the applicable Reply Codes from Tables 1 and 2 below, followed by the numeric value. (e.g., AXBDJAA0.750*; AXBDJLA25.4*; AXBDJAB0.750$$JAC0.755*)

Table 1

REPLY CODE	REPLY (AA05)
A	INCHES
L	MILLIMETERS

Table 2

REPLY CODE	REPLY (AC20)
A	NOMINAL
B	MINIMUM
C	MAXIMUM

ALL

AXBE D ENGAGING LINKAGE

Definition: AN INDICATION OF WHETHER OR NOT ENGAGING LINKAGE IS INCLUDED.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., AXBEDC*)

REPLY CODE	REPLY (AA49)
B	INCLUDED
C	NOT INCLUDED

NOTE FOR MRCS AXBG, AXBH, AXBY, AND AXCA: IF REPLY CODE B IS ENTERED FOR MRC AXBE, REPLY TO MRCS AXBG AND AXBH. IF REPLY CODE C IS ENTERED FOR MRC AXBE, REPLY TO MRC AXBY OR AXCA.

ALL* (See Note Above)

AXBG D LINKAGE ADJUSTABILITY

Definition: AN INDICATION OF WHETHER OR NOT THE LINKAGE IS ADJUSTABLE.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., AXBGDC*)

APP Key	MRC	Mode Code	Requirements

REPLY CODE	REPLY (AB00)
A	ADJUSTABLE
C	NONADJUSTABLE

ALL* (See Note Preceding MRC AXBG)

AXBH D LINKAGE SHIFT LEVER CONNECTION TYPE

Definition: THE TYPE OF SHIFT LEVER CONNECTION PROVIDED WITH THE LINKAGE.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., AXBHDCP*; AXBHDCQ$DCR*)

REPLY CODE	REPLY (AB76)
CP	TAPPED HOLE
CQ	THREADED ROD
CR	YOKE

ALL* (See Note Preceding MRC AXBG)

AXBY A ACCOMMODATED LINKAGE THREADED HOLE THREAD SIZE

Definition: DESIGNATES THE ACCOMMODATED LINKAGE THREAD DIAMETER AND QUANTITY OF THREADS PER SPECIFIC MEASUREMENT SCALE OF A THREADED HOLE.

Reply Instructions: Enter the size.

(e.g., AXBYA3/8-20*)

ALL* (See Note Preceding MRC AXBG)

AXCA J ACCOMMODATED LINKAGE UNTHREADED HOLE DIAMETER

Definition: THE LENGTH OF A STRAIGHT LINE PASSING THROUGH THE CENTER OF AN UNTHREADED HOLE FOR THE ACCOMMODATED LINKAGE, AND TERMINATING AT THE CIRCUMFERENCE.

APP Key	MRC	Mode Code	Requirements

Reply Instructions: Enter the applicable Reply Codes from Tables 1 and 2 below, followed by the numeric value. (e.g., AXCAJAA0.188*; AXCAJLA25.4*; AXCAJAB0.188$$JAC0.192*)

Table 1

REPLY CODE	REPLY (AA05)
A	INCHES
L	MILLIMETERS

Table 2

REPLY CODE	REPLY (AC20)
A	NOMINAL
B	MINIMUM
C	MAXIMUM

ALL

AXCC D CONTACT MANUAL CLOSING PROVISION

Definition: AN INDICATION OF WHETHER OR NOT THE ITEM INCLUDES PROVISIONS FOR MANUALLY CLOSING THE CONTACT.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., AXCCDC*)

REPLY CODE	REPLY (AA49)
B	INCLUDED
C	NOT INCLUDED

ALL

AXCD A CONTROL TERMINAL QUANTITY

Definition: THE NUMBER OF CONTROL TERMINALS PROVIDED.

Reply Instructions: Enter the quantity. (e.g., AXCDA2; AXCDA1$$A2*)*

ALL

AXCE D CONTROL TERMINAL TYPE

Definition: AN INDICATION OF THE TYPE OF CONTROL TERMINAL(S) PROVIDED.

Reply Instructions: Enter the applicable Reply Code from, the table below. (e.g., AXCEDBE; AXCEDAZ$$DFX*)*

REPLY CODE	*REPLY (AA58)*
MB	*NUT, KNURLED*
BE	*SCREW*
ME	*SNAP-IN*
FX	*STUD*
LJ	*THREADED POST*
AZ	*THREADED STUD*

ALL

AXCF D GROUNDED CONTROL TERMINAL

Definition: AN INDICATION OF WHETHER OR NOT A GROUNDED CONTROL TERMINAL IS INCLUDED.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., AXCFDB*)

REPLY CODE	REPLY (AA49)
B	INCLUDED
C	NOT INCLUDED

ALL*

AXHJ A MAIN TERMINAL QUANTITY

Definition: THE NUMBER OF MAIN TERMINALS PROVIDED.

Reply Instructions: Enter the quantity. (e.g., AXHJA2; AXHJA2$$A1*)*

ALL

AXHK D MAIN TERMINAL TYPE

Definition: INDICATES THE TYPE OF MAIN TERMINAL(S) PROVIDED.

Reply Instructions: Enter the applicable Reply Code from, the table below. (e.g., AXHKDBB; AXHKDMB$$DFX*)*

REPLY CODE	*REPLY (AA58)*
MB	*NUT, KNURLED*
BE	*SCREW*
ME	*SNAP-IN*
FX	*STUD*

LJ	*THREADED POST*
AZ	*THREADED STUD*

ALL*

AXHM A CONTROL TERMINAL QUANTITY INTERNALLY CONNECTED TO MAIN TERMINAL

Definition: THE NUMBER OF CONTROL TERMINALS THAT ARE INTERNALLY CONNECTED TO THE MAIN TERMINALS.

Reply Instructions: Enter the quantity. (e.g., AXHMA1*)

ALL*

AXHN J MOTOR DIAMETER FOR WHICH RIGID MOUNT IS DESIGNED

Definition: THE DIAMETER OF THE MOTOR FOR WHICH THE RIGID MOUNT IS DESIGNED.

Reply Instructions: Enter the applicable Reply Codes from Tables 1 and 2 below, followed by the numeric value. (e.g., AXHNJAA5.125*; AXHNJLA25.4*; AXHNJAB5.125$$JAC5.130*)

Table 1

REPLY CODE	REPLY (AA05)
A	INCHES
L	MILLIMETERS

Table 2

REPLY CODE	REPLY (AC20)
A	NOMINAL
B	MINIMUM
C	MAXIMUM

ALL

AXHR J MOUNTING FACILITY TYPE AND QUANTITY

Definition: INDICATES THE TYPE AND NUMBER OF FACILITIES BY WHICH THE ITEM IS MOUNTED.

Reply Instructions: Enter the applicable Reply Code from the table below, followed by the quantity. (e.g., AXHRJACP2*; AXHRJABY2$$JACP2*)

REPLY CODE	REPLY (AM39)
ACP	HOLE
ABY	SLOT
ACS	THREAD

ALL*

ABTB J MOUNTING HOLE DIAMETER

Definition: THE LENGTH OF A STRAIGHT LINE WHICH PASSES THROUGH THE CENTER OF A MOUNTING HOLE, AND TERMINATES AT THE CIRCUMFERENCE.

Reply Instructions: Enter the applicable Reply Codes from Tables 1 and 2 below, followed by the numeric value. (e.g., ABTBJAA0.265*; ABTBJLA25.4*; ABTBJAB0.260$$JAC0.265*)

Table 1

REPLY CODE	REPLY (AA05)
A	INCHES
L	MILLIMETERS

Table 2

REPLY CODE	REPLY (AC20)
A	NOMINAL
B	MINIMUM
C	MAXIMUM

ALL*

ABVG J MOUNTING SLOT LENGTH

Definition: A MEASUREMENT OF THE LONGEST DIMENSION OF THE MOUNTING SLOT, IN DISTINCTION FROM WIDTH.

Reply Instructions: Enter the applicable Reply Codes from Tables 1 and 2 below, followed by the numeric value. (e.g., ABVGJAA0.344*; ABVGJLA25.4*; ABVGJAB0.344$$JAC0.349*)

Table 1

REPLY CODE	REPLY (AA05)
A	INCHES
L	MILLIMETERS

Table 2

REPLY CODE	REPLY (AC20)
A	NOMINAL
B	MINIMUM

C	MAXIMUM

ALL*

ABTD J MOUNTING SLOT WIDTH

Definition: A MEASUREMENT TAKEN AT RIGHT ANGLES TO THE LENGTH OF THE MOUNTING SLOT, IN DISTINCTION FROM THICKNESS.

Reply Instructions: Enter the applicable Reply Codes from Tables 1 and 2 below, followed by the numeric value. (e.g., ABTDJAA0.265*; ABTDJLA25.4*; ABTDJAB0.260$$JAC0.265*)

Table 1

REPLY CODE	REPLY (AA05)
A	INCHES
L	MILLIMETERS

Table 2

REPLY CODE	REPLY (AC20)
A	NOMINAL
B	MINIMUM
C	MAXIMUM

ALL*

CXNK A MOUNTING FACILITY SIZE

Definition: DESIGNATES THE SIZE OF THE MOUNTING FACILITY.

Reply Instructions: Enter the size.

(e.g., CXNKA5/8 IN-32THD*)

ALL*

ARKQ G MOUNTING FACILITY SPACING

Definition: THE DISTANCE BETWEEN THE MOUNTING FACILITIES.

Reply Instructions: Enter the reply in clear text. (e.g., ARKQGSLOTS SPACED 1.750 IN. C TO C, 75 DEG APART*)

ALL*

SURF D SURFACE TREATMENT

Definition: CONSISTS OF PLATING, DIP, AND/OR COATING THAT CANNOT BE WIPED OFF. PLATING AND/OR COATING IS ANY CHEMICAL AND/OR METALLIC ADDITIVE, ELECTROCHEMICAL, OR MILD MECHANICAL PROCESS WHICH PROTECTS A SURFACE.

Reply Instructions: Enter the applicable Reply Code from Appendix A , Table 2. (e.g., SURFDCDR000*; SURFDCDR000$$DLQ0000$DVAB000*)

ALL*

AHZV D SUBMERSIBILITY

Definition: AN INDICATION OF WHETHER OR NOT AN ITEM IS CAPABLE OF OPERATION WHILE SUBMERGED.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., AHZVDAC*)

REPLY CODE	REPLY (AG86)
AC	NONSUBMERSIBLE
AB	SUBMERSIBLE

ALL*

CBBL D FEATURES PROVIDED

Definition: THOSE FEATURES, NOT OTHERWISE SPECIFIED, WHICH MAY BE REQUIRED FOR PROPER FUNCTIONING OF THE ITEM

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., CBBLDFNY*)

REPLY CODE	REPLY (AN47)
FNY	ROHS DIRECTIVE COMPLIANCE

SECTION: J

APP Key	MRC	Mode Code	Requirements
ALL			
	NAME	D	ITEM NAME

Definition: A NOUN, WITH OR WITHOUT MODIFIERS, BY WHICH AN ITEM OF SUPPLY IS KNOWN.

Reply Instructions: Enter the applicable Item Name Code from the index appearing in the General Information Section. (e.g., NAMED17181*)

ALL			
	AXHT	J	VOLTAGE SYSTEM FOR WHICH DESIGNED

Definition: THE ELECTRICAL VOLTAGE OF THE SYSTEM FOR WHICH THE ITEM IS DESIGNED.

Reply Instructions: Enter the applicable Reply Codes from Tables 1 and 2 below, followed by the numeric value. (e.g., AXHTJVA24.0*; AXHTJVB24.0$$JVC28.0*)

Table 1

REPLY CODE	REPLY (AB63)
K	KILOVOLTS
M	MEGAVOLTS
V	VOLTS

Table 2

REPLY CODE	REPLY (AC20)
A	NOMINAL
B	MINIMUM
C	MAXIMUM

ALL			
	AFSS	J	DESIGN CURRENT RATING IN AMPS

Definition: THE VALUE OF THE CURRENT FLOWING THROUGH THE ITEM WHEN OPERATED AT ITS DESIGNED VOLTAGE, EXPRESSED IN AMPERES.

Reply Instructions: Enter the applicable Reply Code from the table below, followed by the numeric value. (e.g., AFSSJA300.0*; AFSSJB10.0$$JC30.0*)

APP Key	MRC	Mode Code	Requirements

For items that do not require a rating, change the Mode Code to K and enter Reply Code N. (e.g., AFSSKN*)

REPLY CODE	REPLY (AC20)
A	NOMINAL
B	MINIMUM
C	MAXIMUM

ALL*

AXHX D GROUND POLARITY TYPE

Definition: INDICATES THE TYPE OF GROUND POLARITY UTILIZED.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., AXHXDAB*; AXHXDAB$DAC*)

REPLY CODE	REPLY (AG39)
AB	NEGATIVE
AC	POSITIVE

ALL

AXHZ J CUT-IN VOLTAGE RATING

Definition: THE CUT-IN VOLTAGE(S) REQUIRED TO CLOSE THE CIRCUIT.

Reply Instructions: Enter the applicable Reply Codes from Tables 1 and 2 below, followed by the numeric value. (e.g., AXHZJVA13.5*; AXHZJVB25.5$$JVC27.5*)

For items that do not require a rating, change the Mode Code to K and enter Reply Code N. (e.g., AXHZKN*)

Table 1

REPLY CODE	REPLY (AB63)
K	KILOVOLTS
M	MEGAVOLTS
V	VOLTS

Table 2

REPLY CODE	REPLY (AC20)
A	NOMINAL
B	MINIMUM

APP Key	MRC	Mode Code	Requirements
		C	MAXIMUM

ALL

AXMN J CUTOUT VOLTAGE RATING

Definition: THE CUT-OUT VOLTAGE(S) REQUIRED TO OPEN (BREAK) THE CIRCUIT.

Reply Instructions: Enter the applicable Reply Codes from Tables 1 and 2 below, followed by the numeric value. (e.g., AXMNJVA13.5*; AXMNJVB12.0$$JVC16.0*)

For items that do not require a rating, change the Mode Code to K and enter Reply Code N. (e.g., AXMNKN*)

Table 1

REPLY CODE	REPLY (AB63)
K	KILOVOLTS
M	MEGA VOLTS
V	VOLTS

Table 2

REPLY CODE	REPLY (AC20)
A	NOMINAL
B	MINIMUM
C	MAXIMUM

ALL

AXMR J CUTOUT CURRENT RATING

Definition: THE DISCHARGE CURRENT(S) REQUIRED TO OPEN (BREAK) THE CURRENT.

Reply Instructions: Enter the applicable Reply Codes from Tables 1 and 2 below, followed by the numeric value. (e.g., AXMRJAA5.0*; AXMRJAB18.0$$JAC35.0*)

For items that do not require a rating, change the Mode Code to K and enter Reply Code N. (e.g., AXMRKN*)

Table 1

REPLY CODE	REPLY (AC30)
A	AMPERES
U	MICROAMPERES
L	MILLIAMPERES

APP Key	MRC	Mode Code	Requirements

Table 2

REPLY CODE	REPLY (AC20)
A	NOMINAL
B	MINIMUM
C	MAXIMUM

ALL

ABWP D FRAME

Definition: AN INDICATION OF WHETHER OR NOT A FRAME IS INCLUDED.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., ABWPDB*)

REPLY CODE	REPLY (AA49)
B	INCLUDED
C	NOT INCLUDED

ALL*

ALBH D RADIO INTERFERENCE SHIELDING

Definition: AN INDICATION OF WHETHER OR NOT SHIELDING AGAINST RADIO INTERFERENCE IS PROVIDED.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., ALBHDC*)

REPLY CODE	REPLY (AB22)
C	NOT PROVIDED
B	PROVIDED

ALL*

AHZV D SUBMERSIBILITY

Definition: AN INDICATION OF WHETHER OR NOT AN ITEM IS CAPABLE OF OPERATION WHILE SUBMERGED.

APP Key	MRC	Mode Code	Requirements

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., AHZVDAB*)

REPLY CODE	REPLY (AG86)
AC	NONSUBMERSIBLE
AB	SUBMERSIBLE

ALL

TTQY J TERMINAL TYPE AND QUANTITY

Definition: INDICATES THE TYPE AND NUMBER OF TERMINALS FOR PROVIDING ELECTRICAL CONNECTION.

Reply Instructions: Enter the applicable Reply Code from Appendix A , Table 1, followed by the quantity. (e.g., TTQYJAAM2; TTQYJAAM1$$JACC1*; TTQYJACC2$JACB2*)*

ALL*

AXGY D MOUNTING METHOD

Definition: THE MEANS OF ATTACHING THE ITEM.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., AXGYDACQ*; AXGYDABY$$DACQ*)

REPLY CODE	REPLY (AM39)
ABY	SLOT
ACF	THREADED HOLES
ACG	THREADED STUDS
ACQ	UNTHREADED HOLE

ALL*

AKPV A MOUNTING FACILITY QUANTITY

Definition: THE NUMBER OF MOUNTING FACILITIES PROVIDED.

Reply Instructions: Enter the quantity. (e.g., AKPVA2*)

ALL*

APP Key	MRC	Mode Code	Requirements
	AWYX	G	MOUNTING FACILITY SIZE

Definition: DESIGNATES THE MOUNTING FACILITY SIZE.

Reply Instructions: Enter the reply in clear text. (e.g., AWYXG3/16 IN. BY 3/8 IN.*)

ALL*

	ARKQ	G	MOUNTING FACILITY SPACING

Definition: THE DISTANCE BETWEEN THE MOUNTING FACILITIES.

Reply Instructions: Enter the reply in clear text.

(e.g., ARKQGCENTERED ON AN ISOSCELES TRIANGLE W/1-5/16 IN. LG BASE AND 3-1/16 IN. H ALTITUDE*)

ALL*

	ADZC	D	ENVIRONMENTAL PROTECTION

Definition: THE ENVIRONMENTAL ELEMENTS OR CONDITIONS THAT AN ITEM IS DESIGNED OR PROTECTED TO RESIST OR WITHSTAND SATISFACTORILY.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., ADZCDGK*; ADZCDGK$$DGP*)

REPLY CODE	REPLY (AA65)
GK	CORROSION RESISTANT
GP	FUNGUS RESISTANT
ABQ	SALT SPRAY RESISTANT

ALL*

	CBBL	D	FEATURES PROVIDED

Definition: THOSE FEATURES, NOT OTHERWISE SPECIFIED, WHICH MAY BE REQUIRED FOR PROPER FUNCTIONING OF THE ITEM

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., CBBLDFNY*)

REPLY CODE	REPLY (AN47)
FNY	ROHS DIRECTIVE COMPLIANCE

SECTION: K

APP Key	MRC	Mode Code	Requirements
ALL			
	NAME	D	ITEM NAME
	Definition: A NOUN, WITH OR WITHOUT MODIFIERS, BY WHICH AN ITEM OF SUPPLY IS KNOWN.		
	Reply Instructions: Enter the applicable Item Name Code from the index appearing in the General Information Section. (e.g., NAMED16561*)		
ALL			
	MATL	D	MATERIAL
	Definition: THE ELEMENT, COMPOUND, OR MIXTURE OF WHICH AN ITEM IS FABRICATED, EXCLUDING ANY SURFACE TREATMENT.		
	Reply Instructions: Enter the applicable Reply Code from Appendix A , Table 2. (e.g., MATLDBR0000*; MATLDBR0000$$DKM0000$DPV0000*)		
KA*			
	SURF	D	SURFACE TREATMENT
	Definition: CONSISTS OF PLATING, DIP, AND/OR COATING THAT CANNOT BE WIPED OFF. PLATING AND/OR COATING IS ANY CHEMICAL AND/OR METALLIC ADDITIVE, ELECTROCHEMICAL, OR MILD MECHANICAL PROCESS WHICH PROTECTS A SURFACE.		
	Reply Instructions: Enter the applicable Reply Code from Appendix A , Table 2. (e.g., SURFDLQ0000*; SURFDCDR000$$DLQ0000$DVAB000*)		
KB			
	AAPP	J	ELECTRICAL RESISTANCE
	Definition: A MEASURE OF THE OPPOSITION TO THE FLOW OF ELECTRICAL CURRENT.		
	Reply Instructions: Enter the applicable Reply Code from the table below, followed by the numeric value. (e.g., AAPPJQ20.0*)		

REPLY CODE	REPLY (AA57)

APP Key	MRC	Mode Code	Requirements
		G	GIGOHMS
		K	KILOHMS
		M	MEGOHMS
		Q	OHMS

ALL*

ABRY J LENGTH

Definition: A MEASUREMENT OF THE LONGEST DIMENSION OF ANY OBJECT, IN DISTINCTION FROM WIDTH.

Reply Instructions: Enter the applicable Reply Codes from Tables 1 and 2 below, followed by the numeric value. (e.g., ABRYJAA2.000*; ABRYJLA25.4*; ABRYJAB1.900$$JAC2.000*)

Table 1

REPLY CODE	REPLY (AA05)
A	INCHES
L	MILLIMETERS

Table 2

REPLY CODE	REPLY (AC20)
A	NOMINAL
B	MINIMUM
C	MAXIMUM

ALL*

ABMZ J DIAMETER

Definition: THE LENGTH OF A STRAIGHT LINE WHICH PASSES THROUGH THE CENTER OF A CIRCULAR FIGURE OR BODY, AND TERMINATES AT THE CIRCUMFERENCE.

Reply Instructions: Enter the applicable Reply Codes from Tables 1 and 2 below, followed by the numeric value. (e.g., ABMZJAA1.313*; ABMZJLA25.4*; ABMZJAB1.310$$JAC1.315*)

Table 1

REPLY CODE	REPLY (AA05)
A	INCHES
L	MILLIMETERS

APP Key	MRC	Mode Code	Requirements

Table 2

REPLY CODE	REPLY (AC20)
A	NOMINAL
B	MINIMUM
C	MAXIMUM

ALL*

ABGL J WIDTH

Definition: A MEASUREMENT TAKEN AT RIGHT ANGLES TO THE LENGTH OF AN ITEM, IN DISTINCTION FROM THICKNESS.

Reply Instructions: Enter the applicable Reply Codes from Tables 1 and 2 below, followed by the numeric value. (e.g., ABGLJAA1.500*; ABGLJLA25.4*; ABGLJAB1.495$$JAC1.505*)

Table 1

REPLY CODE	REPLY (AA05)
A	INCHES
L	MILLIMETERS

Table 2

REPLY CODE	REPLY (AC20)
A	NOMINAL
B	MINIMUM
C	MAXIMUM

ALL*

ABNM J THICKNESS

Definition: A MEASUREMENT OF THE SMALLEST DIMENSION OF AN ITEM, IN DISTINCTION FROM LENGTH OR WIDTH.

Reply Instructions: Enter the applicable Reply Codes from Tables 1 and 2 below, followed by the numeric value. (e.g., ABNMJAA0.188*; ABNMJLA25.4*; ABNMJAB0.185$$JAC0.190*)

Table 1

REPLY CODE	REPLY (AA05)
A	INCHES
L	MILLIMETERS

APP Key	MRC	Mode Code	Requirements

Table 2

REPLY CODE	REPLY (AC20)
A	NOMINAL
B	MINIMUM
C	MAXIMUM

ALL*

AEJZ J DEPTH

Definition: A LINEAR MEASUREMENT FROM THE SURFACE TO A SPECIFIED INNER POINT ON AN ITEM, IN DISTINCTION FROM HEIGHT.

Reply Instructions: Enter the applicable Reply Codes from Tables 1 and 2 below, followed by the numeric value. (e.g., AEJZJAA0.188*; AEJZJLA25.4*; AEJZJAB0.185$$JAC0.190*)

Table 1

REPLY CODE	REPLY (AA05)
A	INCHES
L	MILLIMETERS

Table 2

REPLY CODE	REPLY (AC20)
A	NOMINAL
B	MINIMUM
C	MAXIMUM

KA*

AXMW G ATTACHMENT TO ITEM SUPPORTED METHOD

Definition: THE MEANS USED IN ATTACHING THE ITEM TO THE ITEM SUPPORTED.

Reply Instructions: Enter the reply in clear text. (e.g., AXMWGHOLDS ITEM BY MEANS OF 2 SCREWS ON EACH END SPACED 3.734 IN. C TO C*)

ALL*

AXMX G SUPPORTING OBJECT/SURFACE ATTACHMENT METHOD

APP Key	MRC	Mode Code	Requirements

Definition: THE MEANS USED IN ATTACHING THE ITEM TO A SUPPORTING OBJECT OR SURFACE.

Reply Instructions: Enter the reply in clear text. (e.g., AXMXGONE 3/32 IN. DIA MTG HOLE IN THE CENTER FOR MOUNTING ON AN INSULATED SHAFT*)

KA*

AXMY G SHOCK/SPRING MOUNTING METHOD

Definition: THE MEANS USED IN MOUNTING THE ITEM WITH SPRINGS OR SHOCKS.

Reply Instructions: Enter the reply in clear text. (e.g., AXMYG4 COMPRESSION SPRINGS ATTACHED TO BOTTOM OF BASE AROUND EA MTG HOLE*)

KA*

MARK G SPECIAL MARKINGS

Definition: MARKINGS INCLUDED ON AN ITEM FOR THE PURPOSE OF OFFERING INSTRUCTIONS OR WARNINGS OR TO INDICATE THE PURPOSE, FUNCTION, OR APPLICATION OF THE ITEM. EXCLUDES MANUFACTURERS PART NUMBERS, SYMBOLS, OR THE LIKE.

Reply Instructions: Enter the reply in clear text. (e.g., MARKGDO NOT OIL SPRINGS*)

ALL*

CBBL D FEATURES PROVIDED

Definition: THOSE FEATURES, NOT OTHERWISE SPECIFIED, WHICH MAY BE REQUIRED FOR PROPER FUNCTIONING OF THE ITEM

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., CBBLDFNY*)

REPLY CODE	REPLY (AN47)
FNY	ROHS DIRECTIVE COMPLIANCE

SECTION: L

APP Key	MRC	Mode Code	Requirements
ALL			
	NAME	D	ITEM NAME

Definition: A NOUN, WITH OR WITHOUT MODIFIERS, BY WHICH AN ITEM OF SUPPLY IS KNOWN.

Reply Instructions: Enter the applicable Item Name Code from the index appearing in the General Information Section. (e.g., NAMED17309*)

ALL			
	AXNA	J	ACCOMMODATED SPARK PLUG THREAD DIAMETER

Definition: THE LENGTH OF A STRAIGHT LINE WHICH PASSES THROUGH THE CENTER OF THE THREADED PORTION OF THE ACCOMMODATED SPARK PLUG, AND TERMINATES AT THE CIRCUMFERENCE.

Reply Instructions: Enter the applicable Reply Codes from Tables 1 and 2 below, followed by the numeric value. (e.g., AXNAJAA14.000*; AXNAJLA25.4*; AXNAJAB14.000$$JAC14.500*)

Table 1

REPLY CODE	REPLY (AA05)
A	INCHES
L	MILLIMETERS

Table 2

REPLY CODE	REPLY (AC20)
A	NOMINAL
B	MINIMUM
C	MAXIMUM

ALL			
	AXNB	J	OUTSIDE THREAD DIAMETER

Definition: THE LENGTH OF A STRAIGHT LINE WHICH PASSES THROUGH THE CENTER OF THE THREADED PORTION OF THE OUTSIDE OF THE ITEM, AND TERMINATES AT THE CIRCUMFERENCE.

APP Key	MRC	Mode Code	Requirements

Reply Instructions: Enter the applicable Reply Codes from Tables 1 and 2 below, followed by the numeric value. (e.g., AXNBJAA0.875*; AXNBJLA25.4*; AXNBJAB0.875$$JAC0.880*)

Table 1

REPLY CODE	REPLY (AA05)
A	INCHES
L	MILLIMETERS

Table 2

REPLY CODE	REPLY (AC20)
A	NOMINAL
B	MINIMUM
C	MAXIMUM

ALL

AAFZ D BODY MATERIAL

Definition: THE BASIC MATERIAL OF WHICH THE BODY IS FABRICATED.

Reply Instructions: Enter the applicable Reply Code from Appendix A , Table 2. (e.g., AAFZDST0000*; AAFZDBR0000$DST0000*)

ALL

AXNC D HEAD

Definition: AN INDICATION OF WHETHER OR NOT A HEAD IS INCLUDED.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., AXNCDB*)

REPLY CODE	REPLY (AA49)
B	INCLUDED
C	NOT INCLUDED

ALL*

AASL J HEAD DIAMETER

APP Key	MRC	Mode Code	Requirements

Definition: THE LENGTH OF A STRAIGHT LINE WHICH PASSES THROUGH THE CENTER OF A CIRCULAR HEAD, AND TERMINATES AT THE CIRCUMFERENCE.

Reply Instructions: Enter the applicable Reply Codes from Tables 1 and 2 below, followed by the numeric value. (e.g, AASLJAA1.310*; AASLJLA25.4*; AASLJAB1.310$$JAC1.315*)

Table 1

REPLY CODE	REPLY (AA05)
A	INCHES
L	MILLIMETERS

Table 2

REPLY CODE	REPLY (AC20)
A	NOMINAL
B	MINIMUM
C	MAXIMUM

ALL*

AKCV D DRIVE TYPE

Definition: INDICATES THE TYPE OF DRIVE FOR TURNING, ROTATING, OR POSITIONING THE MECHANISM.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., AKCVDAH*; AKCVDAH$DDM*)

REPLY CODE	REPLY (AA05)
AL	HEXAGON
AH	SLOTTED
DM	SPANNER

ALL*

AAZK J WIDTH ACROSS FLATS

Definition: THE SHORTEST STRAIGHT LINE BETWEEN FLATS, PERPENDICULAR TO THE HEIGHT OF THE WRENCHING SURFACE.

APP Key	MRC	Mode Code	Requirements

Reply Instructions: Enter the applicable Reply Codes from Tables 1 and 2 below, followed by the numeric value. (e.g., AAZKJAA0.750*; AAZKJLA25.4*; AAZKJAB0.750$$JAC0.800*)

Table 1

REPLY CODE	REPLY (AA05)
A	INCHES
L	MILLIMETERS

Table 2

REPLY CODE	REPLY (AC20)
A	NOMINAL
B	MINIMUM
C	MAXIMUM

ALL

AXND D COUNTERBORE FEATURE

Definition: AN INDICATION OF WHETHER OR NOT A COUNTERBORE FEATURE IS INCLUDED.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., AXNDDB*)

REPLY CODE	REPLY (AA49)
B	INCLUDED
C	NOT INCLUDED

ALL*

AXNE J HEAD END COUNTERBORE DIAMETER

Definition: THE LENGTH OF THE CHORD WHICH PASSES THROUGH THE CENTER OF THE COUNTERBORE PORTION OF THE HEAD END.

Reply Instructions: Enter the applicable Reply Codes from Tables 1 and 2 below, followed by the numeric value. (e.g., AXNEJAA0.625*; AXNEJLA25.4*; AXNEJAB0.625$$JAC0.630*)

Table 1

REPLY CODE	REPLY (AA05)
A	INCHES
L	MILLIMETERS

APP Key	MRC	Mode Code	Requirements

Table 2

REPLY CODE	REPLY (AC20)
A	NOMINAL
B	MINIMUM
C	MAXIMUM

ALL*

AXNF J HEAD END COUNTERBORE DEPTH

Definition: THE MEASUREMENT FROM THE TOP TO BOTTOM OF THE COUNTERBORED PORTION OF THE HEAD END.

Reply Instructions: Enter the applicable Reply Codes from Tables 1 and 2 below, followed by the numeric value. (e.g., AXNFJAA0.060*; AXNFJLA25.4*; AXNFJAB0.060$$JAC0.062*)

Table 1

REPLY CODE	REPLY (AA05)
A	INCHES
L	MILLIMETERS

Table 2

REPLY CODE	REPLY (AC20)
A	NOMINAL
B	MINIMUM
C	MAXIMUM

ALL*

AXNH J BOTTOM END COUNTERBORE DIAMETER

Definition: THE LENGTH OF THE CHORD WHICH PASSES THROUGH THE CENTER OF THE COUNTERBORED PORTION OF THE BOTTOM END.

Reply Instructions: Enter the applicable Reply Codes from Tables 1 and 2 below, followed by the numeric value. (e.g., AXNHJAA0.690*; AXNHJLA25.4*; AXNHJAB0.690$$JAC0.695*)

Table 1

REPLY CODE	REPLY (AA05)
A	INCHES
L	MILLIMETERS

APP Key	MRC	Mode Code	Requirements

Table 2

REPLY CODE	REPLY (AC20)
A	NOMINAL
B	MINIMUM
C	MAXIMUM

ALL*

AXNJ J BOTTOM END COUNTERBORE DEPTH

Definition: THE MEASUREMENT FROM THE TOP TO BOTTOM OF THE COUNTERBORED PORTION OF THE BOTTOM END.

Reply Instructions: Enter the applicable Reply Codes from Tables 1 and 2 below, followed by the numeric value. (e.g., AXNJJAA0.260*; AXNJJLA25.4*; AXNJJAB0.260$$JAC0.270*)

Table 1

REPLY CODE	REPLY (AA05)
A	INCHES
L	MILLIMETERS

Table 2

REPLY CODE	REPLY (AC20)
A	NOMINAL
B	MINIMUM
C	MAXIMUM

ALL

ABHP J OVERALL LENGTH

Definition: THE DIMENSION MEASURED ALONG THE LONGITUDINAL AXIS WITH TERMINATED POINTS AT THE EXTREME ENDS OF THE ITEM.

Reply Instructions: Enter the applicable Reply Codes from Tables 1 and 2 below, followed by the numeric value. (e.g., ABHPJAA0.660*; ABHPJLA25.4*; ABHPJAB0.660$$JAC0.670*)

Table 1

REPLY CODE	REPLY (AA05)
A	INCHES
L	MILLIMETERS

APP Key	MRC	Mode Code	Requirements

Table 2

REPLY CODE	REPLY (AC20)
A	NOMINAL
B	MINIMUM
C	MAXIMUM

ALL

AASU J HEAD HEIGHT

Definition: A MEASUREMENT FROM THE BOTTOM TO THE TOP OF THE HEAD, IN DISTINCTION FROM DEPTH.

Reply Instructions: Enter the applicable Reply Codes from Tables 1 and 2 below, followed by the numeric value. (e.g., AASUJAA0.038*; AASUJLA25.4*; AASUJAB0.038$$JAC0.040*)

Table 1

REPLY CODE	REPLY (AA05)
A	INCHES
L	MILLIMETERS

Table 2

REPLY CODE	REPLY (AC20)
A	NOMINAL
B	MINIMUM
C	MAXIMUM

ALL*

CBBL D FEATURES PROVIDED

Definition: THOSE FEATURES, NOT OTHERWISE SPECIFIED, WHICH MAY BE REQUIRED FOR PROPER FUNCTIONING OF THE ITEM

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., CBBLDFNY*)

REPLY CODE	REPLY (AN47)
FNY	ROHS DIRECTIVE COMPLIANCE

SECTION: M

APP Key	MRC	Mode Code	Requirements
ALL			
	NAME	D	ITEM NAME

Definition: A NOUN, WITH OR WITHOUT MODIFIERS, BY WHICH AN ITEM OF SUPPLY IS KNOWN.

Reply Instructions: Enter the applicable Item Name Code from the index appearing in the General Information Section. (e.g., NAMED19767*)

ALL			
	ALPY	D	POLARIZATION FEATURE

Definition: AN INDICATION OF WHETHER OR NOT A POLARIZATION FEATURE IS INCLUDED.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., ALPYDB*)

REPLY CODE	REPLY (AA49)
B	INCLUDED
C	NOT INCLUDED

ALL			
	AXNM	D	PLUG DESIGN

Definition: THE DESIGN OF THE PLUG.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., AXNMDLS*)

REPLY CODE	REPLY (AD07)
LS	ELBOW
BK	STRAIGHT

ALL*			
	ABRY	J	LENGTH

APP Key	MRC	Mode Code	Requirements

Definition: A MEASUREMENT OF THE LONGEST DIMENSION OF ANY OBJECT, IN DISTINCTION FROM WIDTH.

Reply Instructions: Enter the applicable Reply Codes from Tables 1 and 2 below, followed by the numeric value. (e.g., ABRYJAA3.280*; ABRYJLA25.4*; ABRYJAB3.280$$JAC3.290*)

Table 1

REPLY CODE	REPLY (AA05)
A	INCHES
L	MILLIMETERS

Table 2

REPLY CODE	REPLY (AC20)
A	NOMINAL
B	MINIMUM
C	MAXIMUM

ALL*

ABGL J WIDTH

Definition: A MEASUREMENT TAKEN AT RIGHT ANGLES TO THE LENGTH OF AN ITEM, IN DISTINCTION FROM THICKNESS.

Reply Instructions: Enter the applicable Reply Codes from Tables 1 and 2 below, followed by the numeric value. (e.g., ABGLJAA0.875*; ABGLJLA25.4*; ABGLJAB0.875$$JAC0.880*)

Table 1

REPLY CODE	REPLY (AA05)
A	INCHES
L	MILLIMETERS

Table 2

REPLY CODE	REPLY (AC20)
A	NOMINAL
B	MINIMUM
C	MAXIMUM

ALL*

ABMZ J DIAMETER

APP Key	MRC	Mode Code	Requirements

Definition: THE LENGTH OF A STRAIGHT LINE WHICH PASSES THROUGH THE CENTER OF A CIRCULAR FIGURE OR BODY, AND TERMINATES AT THE CIRCUMFERENCE.

Reply Instructions: Enter the applicable Reply Codes from Tables 1 and 2 below, followed by the numeric value. (e.g., ABMZJAA1.230*; ABMZJLA25.4*; ABMZJAB1.230$$JAC1.235*)

Table 1

REPLY CODE	REPLY (AA05)
A	INCHES
L	MILLIMETERS

Table 2

REPLY CODE	REPLY (AC20)
A	NOMINAL
B	MINIMUM
C	MAXIMUM

ALL*

HGTH J HEIGHT

Definition: A MEASUREMENT FROM THE BOTTOM TO THE TOP OF AN OBJECT, IN DISTINCTION FROM DEPTH.

Reply Instructions: Enter the applicable Reply Codes from Tables 1 and 2 below, followed by the numeric value. (e.g., HGTHJAA1.296*; HGTHJLA25.4*; HGTHJAB1.290$$JAC1.295*)

Table 1

REPLY CODE	REPLY (AA05)
A	INCHES
L	MILLIMETERS

Table 2

REPLY CODE	REPLY (AC20)
A	NOMINAL
B	MINIMUM
C	MAXIMUM

ALL*

APP Key	MRC	Mode Code	Requirements
	AEJZ	J	DEPTH

Definition: A LINEAR MEASUREMENT FROM THE SURFACE TO A SPECIFIED INNER POINT ON AN ITEM, IN DISTINCTION FROM HEIGHT.

Reply Instructions: Enter the applicable Reply Codes from Tables 1 and 2 below, followed by the numeric value. (e.g., AEJZJAA1.558*; AEJZJLA25.4*; AEJZJAB1.555$$JAC1.565*)

Table 1

REPLY CODE	REPLY (AA05)
A	INCHES
L	MILLIMETERS

Table 2

REPLY CODE	REPLY (AC20)
A	NOMINAL
B	MINIMUM
C	MAXIMUM

ALL

	AXGY	D	MOUNTING METHOD

Definition: THE MEANS OF ATTACHING THE ITEM.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., AXGYDACS*; AXGYDACR$DACS*)

REPLY CODE	REPLY (AM39)
AEM	COMPRESSION
ACR	FLANGE
ACS	THREAD

ALL*

	AWYX	G	MOUNTING FACILITY SIZE

Definition: DESIGNATES THE MOUNTING FACILITY SIZE.

Reply Instructions: Enter the reply in clear text. (e.g., AWYXGTWO 0.3125 IN. DIA MTG HOLES SPACED 1.50 IN. C TO C*)

APP Key	MRC	Mode Code	Requirements

NOTE FOR MRC ANGJ: IF REPLY CODE ACS IS ENTERED FOR MRC AXGY, REPLY TO MRC ANGJ.

ALL* (See Note Above)

ANGJ A MOUNTING FACILITY THREAD SIZE

Definition: DESIGNATES THE MOUNTING FACILITY THREAD DIAMETER AND QUANTITY OF THREADS PER SPECIFIC MEASUREMENT SCALE.

Reply Instructions: Enter the size.

(e.g., ANGJA15/16-16*)

ALL*

CBBL D FEATURES PROVIDED

Definition: THOSE FEATURES, NOT OTHERWISE SPECIFIED, WHICH MAY BE REQUIRED FOR PROPER FUNCTIONING OF THE ITEM

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., CBBLDFNY*)

REPLY CODE	REPLY (AN47)
FNY	ROHS DIRECTIVE COMPLIANCE

SECTION: N

APP Key	MRC	Mode Code	Requirements
ALL			
	NAME	D	ITEM NAME

Definition: A NOUN, WITH OR WITHOUT MODIFIERS, BY WHICH AN ITEM OF SUPPLY IS KNOWN.

Reply Instructions: Enter the applicable Item Name Code from the index appearing in the General Information Section. (e.g., NAMED17170*)

ALL			
	SHPE	D	SHAPE

Definition: THE PHYSICAL CONFIGURATION OF THE ITEM.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., SHPEDBH*; SHPEDBH$DBK*)

REPLY CODE	REPLY (AD07)
BH	ANGULAR
BK	STRAIGHT

ALL			
	ADVR	B	ANGLE IN DEG

Definition: THE ANGLE FORMED BY THE ANGULAR PORTION OF THE ITEM, EXPRESSED IN DEGREES.

Reply Instructions: Enter the numeric value. (e.g., ADVRB90.0*)

ALL			
	AKDZ	D	RESISTOR ELEMENT TYPE

Definition: INDICATES THE TYPE OF RESISTANCE ELEMENT AS DETERMINED BY ITS CONSTRUCTION.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., AKDZDB*; AKDZDB$DD*)

REPLY CODE	REPLY (AE09)

APP Key	MRC	Mode Code	Requirements
		B	COMPOSITION
		D	WIRE WOUND

ALL

APCC J ELECTRICAL RESISTANCE

Definition: A MEASUREMENT OF THE OPPOSITION TO THE FLOW OF DIRECT OR ALTERNATING CURRENT.

Reply Instructions: Enter the applicable Reply Codes from Tables 1 and 2 below, followed by the numeric value. (e.g., APCCJQA10000.0*; APCCJQB50.0$$JQC1000.0*)

Table 1

REPLY CODE	REPLY (AA57)
G	GIGOHMS
K	KILOHMS
M	MEGOHMS
Q	OHMS

Table 2

REPLY CODE	REPLY (AC20)
A	NOMINAL
B	MINIMUM
C	MAXIMUM

ALL

AAFZ D BODY MATERIAL

Definition: THE BASIC MATERIAL OF WHICH THE BODY IS FABRICATED.

Reply Instructions: Enter the applicable Reply Code from Appendix A , Table 2. (e.g., AAFZDPC0000*; AAFZDCJ0000$DPC0000*)

ALL

TTQY J TERMNIAL TYPE AND QUANTITY

Definition: INDICATES THE TYPE AND NUMBER OF TERMINALS FOR PROVIDING ELECTRICAL CONNECTION.

APP Key	MRC	Mode Code	Requirements

Reply Instructions: Enter the applicable Reply Code from Appendix A , Table 1, followed by the quantity. (e.g., TTQYJAAM2; TTQYJAAM1$$JACC1*; TTQYJACC2$JACB2*)*

ALL

AXNR D TERMINAL CHARACTERISTIC

Definition: THE CHARACTERISTIC OF THE TERMINAL FOR PROVIDING ELECTRICAL CONNECTION TO THE ITEM.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., AXNRDAF; AXNRDAD$DAF*;AXNRDAD$$DAF*)*

REPLY CODE	REPLY (AH46)
AD	PROTRUDING
AF	RECESSED

ALL*

AXNS G TERMINAL SIZE

Definition: DESIGNATES THE SIZE OF THE TERMINAL.

Reply Instructions: Enter the reply in clear text. (e.g., AXNSG1/4 IN. ID*)

Separate multiple replies with a semicolon and enter in the same sequence as MRC AARB. (e.g., AXNSG1/4 IN. DIA HOLE; 0.625 IN. OD*)

ALL*

CBBL D FEATURES PROVIDED

Definition: THOSE FEATURES, NOT OTHERWISE SPECIFIED, WHICH MAY BE REQUIRED FOR PROPER FUNCTIONING OF THE ITEM

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., CBBLDFNY*)

REPLY CODE	REPLY (AN47)
FNY	ROHS DIRECTIVE COMPLIANCE

SECTION: P

APP Key	MRC	Mode Code	Requirements
ALL			
	NAME	D	ITEM NAME

Definition: A NOUN, WITH OR WITHOUT MODIFIERS, BY WHICH AN ITEM OF SUPPLY IS KNOWN.

Reply Instructions: Enter the applicable Item Name Code from the index appearing in the General Information Section. (e.g., NAMED19963*)

ALL			
	AAFZ	D	BODY MATERIAL

Definition: THE BASIC MATERIAL OF WHICH THE BODY IS FABRICATED.

Reply Instructions: Enter the applicable Reply Code from Appendix A , Table 2. (e.g., AAFZDCJ0000*; AAFZDCJ0000$DPC0000*)

ALL			
	AKSF	D	CONTACT TYPE

Definition: INDICATES THE TYPE OF CONTACT(S) INCLUDED ON THE ITEM.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., AKSFDBY*; AKSFDBY$DBZ*)

REPLY CODE	REPLY (AG81)
BY	CAP TIP
BZ	SPRING

ALL			
	AXNT	J	CONTACT PROTRUSION LENGTH

Definition: A MEASUREMENT OF THE LONGEST DIMENSION OF THE CONTACT WHICH EXTENDS FROM THE ITEM, IN DISTINCTION FROM WIDTH.

Reply Instructions: Enter the applicable Reply Codes from Tables 1 and 2 below, followed by the numeric value. (e.g., AXNTJAA0.188*; AXNTJLA25.4*; AXNTJAB0.185$$JAC0.190*)

APP Key	MRC	Mode Code	Requirements

Table 1

REPLY CODE	REPLY (AA05)
A	INCHES
L	MILLIMETERS

Table 2

REPLY CODE	REPLY (AC20)
A	NOMINAL
B	MINIMUM
C	MAXIMUM

ALL

AXNW J ACCOMMODATED WIRE SIZE

Definition: DESIGNATES THE SIZE OF THE WIRE ACCOMMODATED BY THE ITEM.

Reply Instructions: Enter the applicable Reply Codes from Tables 1 and 2 below, followed by the numeric value. (e.g., AXNWJAA0.188*; AXNWJLA7.0*; AXNWJAB0.020$$JAC0.026*)

Table 1

REPLY CODE	REPLY (AA05)
A	INCHES
L	MILLIMETERS

Table 2

REPLY CODE	REPLY (AC20)
A	NOMINAL
B	MINIMUM
C	MAXIMUM

ALL*

AXNX A ACCOMMODATED WIRE AWG SIZE

Definition: THE AMERICAN WIRE GAGE SIZE OF THE ACCOMMODATED WIRE.

Reply Instructions: Enter the size. (e.g., AXNXA14*)

See Appendix C, Table 2, for converting circular mils or diameter to AWG size.

APP Key	MRC	Mode Code	Requirements

ALL

ABRY J LENGTH

Definition: A MEASUREMENT OF THE LONGEST DIMENSION OF ANY OBJECT, IN DISTINCTION FROM WIDTH.

Reply Instructions: Enter the applicable Reply Codes from Tables 1 and 2 below, followed by the numeric value, excluding contact. (e.g., ABRYJAA1.000*; ABRYJLA25.4*; ABRYJAB1.000$$JAC1.100*)

Table 1

REPLY CODE	REPLY (AA05)
A	INCHES
L	MILLIMETERS

Table 2

REPLY CODE	REPLY (AC20)
A	NOMINAL
B	MINIMUM
C	MAXIMUM

ALL

AARX J INSIDE DIAMETER

Definition: THE LENGTH OF A STRAIGHT LINE WHICH PASSES THROUGH THE CENTER OF A CIRCULAR FIGURE OR BODY, AND TERMINATES AT THE INSIDE CIRCUMFERENCE.

Reply Instructions: Enter the applicable Reply Codes from Tables 1 and 2 below, followed by the numeric value. (e.g., AARXJAA0.290*; AARXJLA25.4*; AARXJAB0.290$$JAC0.295*)

Table 1

REPLY CODE	REPLY (AA05)
A	INCHES
L	MILLIMETERS

Table 2

REPLY CODE	REPLY (AC20)
A	NOMINAL
B	MINIMUM
C	MAXIMUM

APP Key	MRC	Mode Code	Requirements

ALL

ABKV J OUTSIDE DIAMETER

Definition: THE LENGTH OF A STRAIGHT LINE WHICH PASSES THROUGH THE CENTER OF A CIRCULAR FIGURE OR BODY, AND TERMINATES AT THE OUTER PERIPHERY.

Reply Instructions: Enter the applicable Reply Codes from Tables 1 and 2 below, followed by the numeric value. (e.g., ABKVJAA0.374*; ABKVJLA25.4*; ABKVJAB0.374$$JAC0.380*)

Table 1

REPLY CODE	REPLY (AA05)
A	INCHES
L	MILLIMETERS

Table 2

REPLY CODE	REPLY (AC20)
A	NOMINAL
B	MINIMUM
C	MAXIMUM

ALL*

CBBL D FEATURES PROVIDED

Definition: THOSE FEATURES, NOT OTHERWISE SPECIFIED, WHICH MAY BE REQUIRED FOR PROPER FUNCTIONING OF THE ITEM

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., CBBLDFNY*)

REPLY CODE	REPLY (AN47)
FNY	ROHS DIRECTIVE COMPLIANCE

SECTION: STANDARD

APP Key	MRC	Mode Code	Requirements
ALL*			
	FEAT	G	SPECIAL FEATURES

Definition: THOSE UNUSUAL OR UNIQUE CHARACTERISTICS OR QUALITIES OF AN ITEM NOT COVERED IN THE OTHER REQUIREMENTS AND WHICH ARE DETERMINED TO BE ESSENTIAL FOR IDENTIFICATION.

Reply Instructions: Enter the reply in clear text. Separate multiple replies with a semicolon. (e.g., FEATGADJUSTABLE NOSE CLIP*; FEATGADJUSTABLE NOSE PIECE; DISPOSABLE*)

ALL*			
	TEST	J	TEST DATA DOCUMENT

Definition: THE SPECIFICATION, STANDARD, DRAWING, OR SIMILAR INSTRUMENT THAT SPECIFIES ENVIRONMENTAL AND PERFORMANCE REQUIREMENTS OR TEST CONDITIONS UNDER WHICH AN ITEM IS TESTED AND ESTABLISHES ACCEPTABLE LIMITS WITHIN WHICH THE ITEM MUST CONFORM IDENTIFIED BY AN ALPHABETIC AND/OR NUMERIC REFERENCE NUMBER. INCLUDES THE COMMERCIAL AND GOVERNMENT ENTITY (CAGE) CODE OF THE ENTITY CONTROLLING THE INSTRUMENT.

Reply Instructions: Enter the applicable Reply Code from the table below, followed by the 5-position CAGE Code, a dash, and the document identification number.

(e.g., TESTJA12345-CWX654321*;

TESTJA1234A-654321$$JB5556A-663654*;

TESTJAA2345-654321$JB55566-663654*)

REPLY CODE	REPLY (AC28)
C	DRAWING (This is the basic governing drawing, such as a contractor drawing, original equipment manufacturer drawing, etc.; excludes any specification, standard, or other document that may be referenced in a basic governing drawing)
A	SPECIFICATION (Includes engineering type bulletins, brochures, etc., that reflect specification type data in specification format; excludes commercial catalogs, industry directories, and similar trade publications,

APP Key	MRC	Mode Code	Requirements
			reflecting general type data on certain environmental and performance requirements and test conditions that are shown as "typical," "average," "nominal," etc.)
		B	STANDARD (Includes industry or association standards, individual manufacturer standards, etc.)

ALL*

SPCL G SPECIAL TEST FEATURES

Definition: TEST CONDITIONS AND RATINGS, OR ENVIRONMENTAL AND PERFORMANCE REQUIREMENTS THAT ARE DIFFERENT, MORE CRITICAL, OR MORE SPECIFIC THAN THOSE SPECIFIED IN A GOVERNING TEST DATA DOCUMENT.

Reply Instructions: Enter the reply in clear text. (e.g., SPCLGSELECTED AND TESTED FOR NAVIGATIONAL SYSTEMS*)

ALL*

ZZZK J SPECIFICATION/STANDARD DATA

Definition: THE DOCUMENT DESIGNATOR OF THE SPECIFICATION OR STANDARD WHICH ESTABLISHED THE ITEM OF SUPPLY.

Reply Instructions: Enter the applicable Reply Code from the table below, followed by the Commercial and Government Entity (CAGE) Code of the entity controlling the document, a dash, and the document designator. The agency that controls the limited coordination document must be preceded and followed by a slash following the designator. The word canceled or superseded must be preceded and followed by a slash for the designator. Professional and industrial association specifications/standards are differentiated from a manufacturer's specification in that the data has been coordinated and published by the professional and industrial association. Include amendments and revisions where applicable.

(e.g., ZZZKJT81337-30642B*;

ZZZKJS81349-MIL-D-180 REV1/CANCELED/*;

ZZZKJP80205-NAS1103*;

ZZZKJS81349-MIL-C-1140C/CE/*;

ZZZKJT81337-30642B$$JP80205-NAS1103*)

APP Key	MRC	Mode Code	Requirements

REPLY CODE	REPLY (AN62)
S	GOVERNMENT SPECIFICATION
T	GOVERNMENT STANDARD
D	MANUFACTURERS SOURCE CONTROL
R	MANUFACTURERS SPECIFICATION
N	MANUFACTURERS SPECIFICATION CONTROL
M	MANUFACTURERS STANDARD
B	NATIONAL STD/SPEC
A	PROFESSIONAL/INDUSTRIAL ASSOCIATION SPECIFICATION
P	PROFESSIONAL/INDUSTRIAL ASSOCIATION STANDARD

NOTE FOR MRC ZZZT: IF THE SPECIFICIATION/STANDARD CITED IN REPLY TO MRC ZZZK IS NONDEFINITIVE, REPLY TO MRC ZZZT. THIS REPLY IS THE DATA WHICH IS NOT RECORDED IN SEGMENT C.

ALL* (See Note Above)

ZZZT J NONDEFINITIVE SPEC/STD DATA

Definition: THE NUMBER, LETTER, OR SYMBOL THAT INDICATES THE TYPE, STYLE, GRADE, CLASS, AND THE LIKE, OF AN ITEM IN A NONIDENTIFYING SPECIFICATION OR STANDARD.

Reply Instructions: Enter the applicable Reply Code from Appendix A , Table 4, followed by the appropriate number, letter, or symbol. (e.g., ZZZTJTY1*; ZZZTJTY1$$JSTA*; ZZZTJTY1$JSTA*)

ALL*

ZZZW G DEPARTURE FROM CITED DOCUMENT

Definition: THE TECHNICAL DIFFERENTIATING CHARACTERISTIC(S) OF AN ITEM OF SUPPLY WHICH DEPART(S) FROM THE TEXT OF A SPECIFICATION OR A STANDARD IN THAT IT REPRESENTS A SELECTION OF CHARACTERISTICS STATED IN THE SPECIFICATION OR STANDARD AS BEING OPTIONAL, OR A VARIATION FROM ONE OR MORE OF THE STATED CHARACTERISTICS, OR AN ADDITIONAL CHARACTERISTIC NOT STATED IN THE SPECIFICATION OR STANDARD.

Reply Instructions: Enter the reply in clear text. (e.g., ZZZWGAS MODIFIED BY MATERIAL*)

APP Key	MRC	Mode Code	Requirements
ALL*			
	ZZZX	G	DEPARTURE FROM CITED DESIGNATOR
			Definition: THE VARIATION WHEN THE ITEM IS IN CONFORMITY WITH A TYPE DESIGNATOR COVERED BY A SPECIFICATION OR STANDARD, EXCEPT IN REGARD TO ONE OR MORE TECHNICAL DIFFERENTIATING CHARACTERISTICS.
			Reply Instructions: Enter the reply in clear text. (e.g., ZZZXGAS MODIFIED BY MATERIAL*)
ALL*			
	ZZZY	G	REFERENCE NUMBER DIFFERENTIATING CHARACTERISTICS
			Definition: A FEATURE OF THE ITEM OF SUPPLY WHICH MUST BE SPECIFICALLY RECORDED WHEN THE REFERENCE NUMBER COVERS A RANGE OF ITEMS.
			Reply Instructions: Enter the reply in clear text. (e.g., ZZZYGCOLOR CODED LEADS*; ZZZYGAS DIFFERENTIATED BY MATERIAL*)
ALL*			
	CRTL	A	CRITICALITY CODE JUSTIFICATION
			Definition: THE MASTER REQUIREMENT CODES OF THOSE REQUIREMENTS WHICH ARE TECHNICALLY CRITICAL BY REASON OF TOLERANCE, FIT, PERFORMANCE, OR OTHER CHARACTERISTICS WHICH AFFECT IDENTIFICATION OF THE ITEM.
			Reply Instructions: Enter the Master Requirement Code for the requirement, the reply to which renders the item as being critical. (e.g., CRTLAMATL*; CRTLAMATL$$ASURF*)
			Reply to this requirement only if the header record for the item identification for the item being identified has been coded as critical.

NOTE FOR MRC PRPY: IF DOCUMENT AVAILABILITY CODE B, D, F, OR H, REPLY TO MRC PRPY.

ALL* (See Note Above)

APP Key	MRC	Mode Code	Requirements
	PRPY	A	PROPRIETARY CHARACTERISTICS

Definition: IDENTIFICATION OF THOSE CHARACTERISTICS INCLUDED IN THE DESCRIPTION FOR WHICH A NON-GOVERNMENT ACTIVITY HAS IDENTIFIED ALL OR SELECTED CHARACTERISTICS OF THE ITEM AS BEING PROPRIETARY AND THEREFORE RESTRICTED FROM RELEASE OUTSIDE THE GOVERNMENT WITHOUT PRIOR PERMISSION OF THE ORIGINATOR OF THE DATA.

Reply Instructions: Enter the MRC codes of the individual characteristics of the description which are marked proprietary on the technical data, using AND coding ($$) for multiple characteristics. If all the MRCs are proprietary, enter the reply PACS. If none of the MRCs is proprietary, enter the reply NPAC. (e.g., PRPYAPACS*; PRPYANPAC*; PRPYAMATL$$ASURF*)

ALL*

	ELRN	G	EXTRA LONG REFERENCE NUMBER

Definition: A REFERENCE NUMBER EXCEEDING 32 POSITIONS.

Reply Instructions: Enter the entire reference number. Do not include the 5-position Commercial and Government Entity (CAGE) Code. (e.g., ELRNGANN112036BIL060557LEN0313605UZ062365*)

In determining quantity of characters in the reference number, count will be made after modification in accordance with Volume 2, Chapter 9, FLIS Procedures Manual, DoD 4100.39-M.

ALL*

	ELCD	D	EXTRA LONG CHARACTERISTIC DESCRIPTION

Definition: A DESCRIPTION THAT EXCEEDS 5000 CHARACTERS.

Reply Instructions: Enter the Reply Code from the table below. (e.g., ELCDDA*)

REPLY CODE	REPLY (AN58)
A	ADDITIONAL DESCRIPTIVE DATA ON MANUAL RECORD

APP
Key MRC Mode Code Requirements

NOTE FOR MRC ENAC: ANSWERING THIS MRC WILL GENERATE AN ENAC CODE IN THE ITEM IDENTIFICATION SEGMENT (A) OF THE NSN.

ALL* (See Note Above)

ENAC D ENVIRONMENTAL ATTRIBUTE CODE

Definition: INDICATES THE TYPE OF PRODUCT THAT MEETS OR EXCEEDS THE GOVERNMENT GUIDELINES FOR ENVIRONMENTALLY PREFERRED CHARACTERISTICS.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., ENACDG4*)

REPLY CODE	REPLY (EN02)
G4	COMPREHENSIVE PROCUREMENT GUIDELINE - VEHICULAR PRODUCTS - REBUILT VEHICULAR PARTS

SECTION: SUPPTECH

APP Key	MRC	Mode Code	Requirements
ALL			
	AFJK	J	CUBIC MEASURE

Definition: A MEASUREMENT OF VOLUME TAKEN BY MULTIPLYING THE LENGTH BY THE WIDTH BY THE HEIGHT OF AN ITEM AND RENDERED IN CUBIC UNITS.

Reply Instructions: Enter the applicable Reply Code from the table below, followed by the numeric value. (e.g., AFJKJB8.000*; AFJKJC9.0*)

REPLY CODE	REPLY (AD42)
C	CUBIC CENTIMETERS
B	CUBIC INCHES

ALL

PRMT D PRECIOUS MATERIAL

Definition: IDENTIFICATION OF THE PRECIOUS MATERIAL CONTAINED IN THE ITEM.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., PRMTDAGA000; PRMTDAUA000$$JAGA000*)

REPLY CODE	REPLY (MA01)
AUA000	GOLD
IRA000	IRIDIUM
AZA000	OSMIUM
PDA000	PALLADIUM
PTA000	PLATINUM
RHA000	RHODIUM
RTA000	RUTHENIUM
AGA000	SILVER

ALL

PMWT J PRECIOUS MATERIAL AND WEIGHT

Definition: AN INDICATION OF THE PRECIOUS MATERIAL CONTAINED IN THE ITEM, AND THE AMOUNT PER A MEASUREMENT SCALE.

APP Key	MRC	Mode Code	Requirements

Reply Instructions: Enter the applicable Reply Code from Tables 1 and 2 below, followed by the numeric value. Enter multiple replies in Table 1 sequence. (e.g., PMWTJPTA000R0.780*; PMWTJAUA000F0.500$$JAGA000R0.780*)

REPLY CODE	REPLY (MA01)
AUA000	GOLD
IRA000	IRIDIUM
AZA000	OSMIUM
PDA000	PALLADIUM
PTA000	PLATINUM
RHA000	RHODIUM
RTA000	RUTHENIUM
AGA000	SILVER

REPLY CODE	REPLY (AG14)
E	GRAINS, TROY
R	GRAMS
F	OUNCES, TROY

ALL

PMLC J PRECIOUS MATERIAL AND LOCATION

Definition: AN INDICATION OF THE PRECIOUS MATERIAL AND ITS LOCATION IN THE ITEM.

Reply Instructions: Enter the applicable Reply Code from the table below, followed by the location in clear text. (e.g., PMLCJAUA000TERMINALS*; PMLCJAUA000TERMINALS$$JAGA000INTERNAL SURFACES*)

REPLY CODE	REPLY (MA01)
AUA000	GOLD
IRA000	IRIDIUM
AZA000	OSMIUM
PDA000	PALLADIUM
PTA000	PLATINUM
RHA000	RHODIUM
RTA000	RUTHENIUM
AGA000	SILVER

ALL

APP Key	MRC	Mode Code	Requirements
	AGAV	G	END ITEM IDENTIFICATION
	Definition: THE NATIONAL STOCK NUMBER OR THE IDENTIFICATION INFORMATION OF THE END EQUIPMENT FOR WHICH THE ITEM IS A PART.		
	Reply Instructions: Enter the applicable reply in clear text.		
	(e.g., AGAVG3930-00-000-0000*;		
	AGAVGFORKLIFT TRUCK, SMITH CORPORATION, MODEL 12, TYPE A*)		
ALL			
	SUPP	G	SUPPLEMENTARY FEATURES
	Definition: CHARACTERISTICS OR QUALITIES OF AN ITEM, NOT COVERED IN ANY OTHER REQUIREMENT, WHICH ARE CONSIDERED ESSENTIAL INFORMATION FOR ONE OR MORE FUNCTIONS EXCLUDING NSN ASSIGNMENT.		
	Reply Instructions: Enter the reply in clear text. (e.g., SUPPGMAY INCL HOLE IN UPPER SUPPORT FOR MTG DURING SHIPMENT*)		
ALL			
	ZZZP	J	PURCHASE DESCRIPTION IDENTIFICATION
	Definition: THE CONTROLLING ACTIVITY AND IDENTIFICATION OF A DOCUMENT USED IN LIEU OF A SPECIFICATION IN THE PROCUREMENT OF AN ITEM OF SUPPLY.		
	Reply Instructions: Enter the 5-position Commercial and Government Entity (CAGE) Code, followed by a dash and the identifying number of the document.		
	(e.g., ZZZPJ81A37-30624A*)		
ALL			
	ZZZV	G	FSC APPLICATION DATA
	Definition: THE JUSTIFICATION FOR THE ASSIGNMENT OF A FEDERAL SUPPLY CLASS (FSC) TO AN ITEM BASED ON THE CLASSIFICATION OF THE NEXT HIGHER CLASSIFIABLE ASSEMBLY.		
	Reply Instructions: Enter the name of the next higher classifiable assembly in clear text. (e.g., ZZZVGFUEL SYSTEM, GASOLINE ENGINE, NONAIRCRAFT*)		

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Reply Tables

Table 1 - TERMINAL TYPES

TERMINAL TYPES

REPLY CODE	*REPLY (AN89)*
ABM	*BRACKET*
AKF	*BUTTON*
ACU	*CARBON BRUSH*
ACV	*COLLECTOR RING*
ADD	*CONNECTOR, DOUBLE CONTACT*
ACN	*CONNECTOR, PLUG (INCLUDES PLUG-IN CONNECTOR)*
ADU	*CONNECTOR, SINGLE CONTACT*
ADV	*FRICTION*
AHX	*LUG*
AEU	*NUT, KNURLED*
AAM	*PIN*
AKR	*RECEPTACLE*
AEV	*RIVET*
ABQ	*SCREW*
AFU	*SNAP-IN*
ALJ	*SNAP-ON*
AKB	*SOLDER*
AFF	*SOLDER LUG*
AFV	*SPIRAL COIL*
AHK	*SPRING CLIP*
AGU	*SPRING LOADED CARBON BRUSHES*
AJA	*STUD*
ABC	*THREADED HOLE*
ALR	*THREADED POST*
AGV	*THREADED RECEPTACLE*
AHU	*THREADED SLEEVE*
ABD	*THREADED STUD*
AHV	*UNTHREADED STUD*
ACC	*WIRE LEAD*
AEG	*WIRE LEAD W/LUG*
AJU	*WIRE LEAD W/TERMINAL LUG, CONDUIT, NUT*
AJV	*WOOD SCREW*

Table 2 - MATERIALS AND SURFACE TREATMENTS

MATERIALS AND SURFACE TREATMENTS

REPLY CODE	REPLY (AD09)
ALC000	ALUMINUM
AL0000	ALUMINUM ALLOY
ALA000	ALUMINUM BRONZE
AN0000	ANODIZED
ANA000	ANODIZED BLACK

REPLY CODE	REPLY (AD09)
A	ANY ACCEPTABLE
	Bakelite (use Reply Code PC0000)
BR0000	BRASS
BN0000	BRONZE
CDR000	CADMIUM PLATED
CA0000	CARBON
CJ0000	CERAMIC
CR0000	CHROMIUM
KM0000	COMPOSITION, LOW-LOSS
CE0000	COMPOUND
CU0000	COPPER
EN0000	ENAMEL
ENE000	ENAMEL, BAKED
ENF000	ENAMEL, BLACK
	Enamel, Black, Baked (Use Reply Code ENE000)
ENAT00	ENAMEL, CRACKLE
ENH000	ENAMEL, GRAY
FB0000	FIBER
	Formica (use Reply Code PC0000)
GB0000	GALVANIZED
GU0000	GLUE
GP0000	GRAPHITE
FE0000	IRON
FEA000	IRON, CAST
LQ0000	LACQUER
MG0000	MAGNESIUM
MGA000	MAGNESIUM ALLOY
ME0000	METAL
MEP000	METAL, SHEET
AY0000	MICA
NR0000	NATURAL
NF0000	NICKEL
NY0000	NYLON
LC0000	OIL
PNA000	PAINT, ALUMINUM
PNAH00	PAINT, PRIMER
PN0000	PAINTED
PV0000	PHENOL
PC0000	PLASTIC
PCCE00	PLASTIC, ARC RESISTANT
PCP000	PLASTIC, EPOXY
PCAAAT	PLASTIC, EPOXY RESIN
PCW000	PLASTIC, PHENOLIC
DA0000	RESIN
RX0000	ROSIN
RC0000	RUBBER
RCAZ00	RUBBER, HARD
ST0000	STEEL

REPLY CODE	REPLY (AD09)
STD000	STEEL, STAINLESS
TG0000	TAPE, PLASTIC
TGA000	TAPE, VARNISH
SN0000	TIN
VAB000	VARNISH
WA0000	WAX
ZN0000	ZINC
ZNL000	ZINC ALLOY
ZNA000	ZINC CHROMATE
ZNN000	ZINC PLATED

Table 3 - SHAFT SHAPES

SHAFT SHAPES

REPLY CODE	REPLY (AD07)
GM	C
GN	D
GP	HOLLOW D
GS	MODIFIED D
GT	O
RD	ROUND
GW	ROUND, INDEXED
BN	ROUND, KEYED
GY	ROUND W/SLOTS
GX	ROUND W/2 FLATS
BJB	ROUND W/3 FLATS
GZ	TAPERED D
TE	TEE

Table 4 - NONDEFINITIVE SPEC/STD DATA

NONDEFINITIVE SPEC/STD DATA

REPLY CODE	REPLY (AD08)
AL	ALLOY
AN	ANNEX
AP	APPENDIX
AC	APPLICABILITY CLASS
AR	ARRANGEMENT
AS	ASSEMBLY
AB	ASSORTMENT
BX	BOX
CY	CAPACITY
CA	CASE
CT	CATEGORY
CL	CLASS
CE	CODE

REPLY CODE	REPLY (AD08)
CR	COLOR
CC	COMBINATION CODE
CN	COMPONENT
CP	COMPOSITION
CM	COMPOUND
CD	CONDITION
CS	CONSTRUCTION
DE	DESIGN
DG	DESIGNATOR
DW	DRAWING NUMBER
EG	EDGE
EN	END
FY	FAMILY
FG	FIGURE
FN	FINISH
FM	FORM
FA	FORMULA
GR	GRADE
GP	GROUP
BA	IMAGE COLOR
NS	INSERT
TM	ITEM
KD	KIND
KT	KIT
LG	LENGTH
LT	LIMIT
MK	MARK
AA	MARKER
ML	MATERIAL
BB	MAXIMUM DENSITY
MH	MESH
ME	METHOD
BC	MINIMUM DENSITY
MD	MODEL
MT	MOUNTING
NR	NUMBER
PT	PART
PN	PATTERN
PC	PHYSICAL CONDITION
PS	PIECE
PL	PLAN
PR	POINT
QA	QUALITY
RN	RANGE
RT	RATING
RF	REFERENCE NUMBER
SC	SCHEDULE
SB	SECTION

REPLY CODE	REPLY (AD08)
SL	SELECTION
SE	SERIES
SV	SERVICE
SX	SET
SA	SHADE
SH	SHAPE
SG	SHEET
SZ	SIZE
PZ	SPECIES
SQ	SPECIFICATION SHEET
SD	SPEED
ST	STYLE
SS	SUBCLASS
SF	SUBFORM
SP	SUBTYPE
SN	SURFACE CONDITION
SY	SYMBOL
SM	SYSTEM
TB	TABLE
TN	TANNAGE
TP	TEMPER
TX	TEXTURE
TK	THICKNESS
TT	TREATMENT
TR	TRIM
TY	TYPE
YN	UNIT
VA	VARIETY
WT	WEIGHT
WD	WIDTH

Reference Drawing Groups

REFERENCE DRAWING GROUP A Tables
IGNITION COILS

INDEX OF MASTER REQUIREMENT CODES

Enter the applicable Reply Codes from Tables 1 and 2 below, followed by the numeric value. (e.g., HGTHJAA6.922*; HGTHJLA25.4*; HGTHJAB6.920$$JAC6.930*)

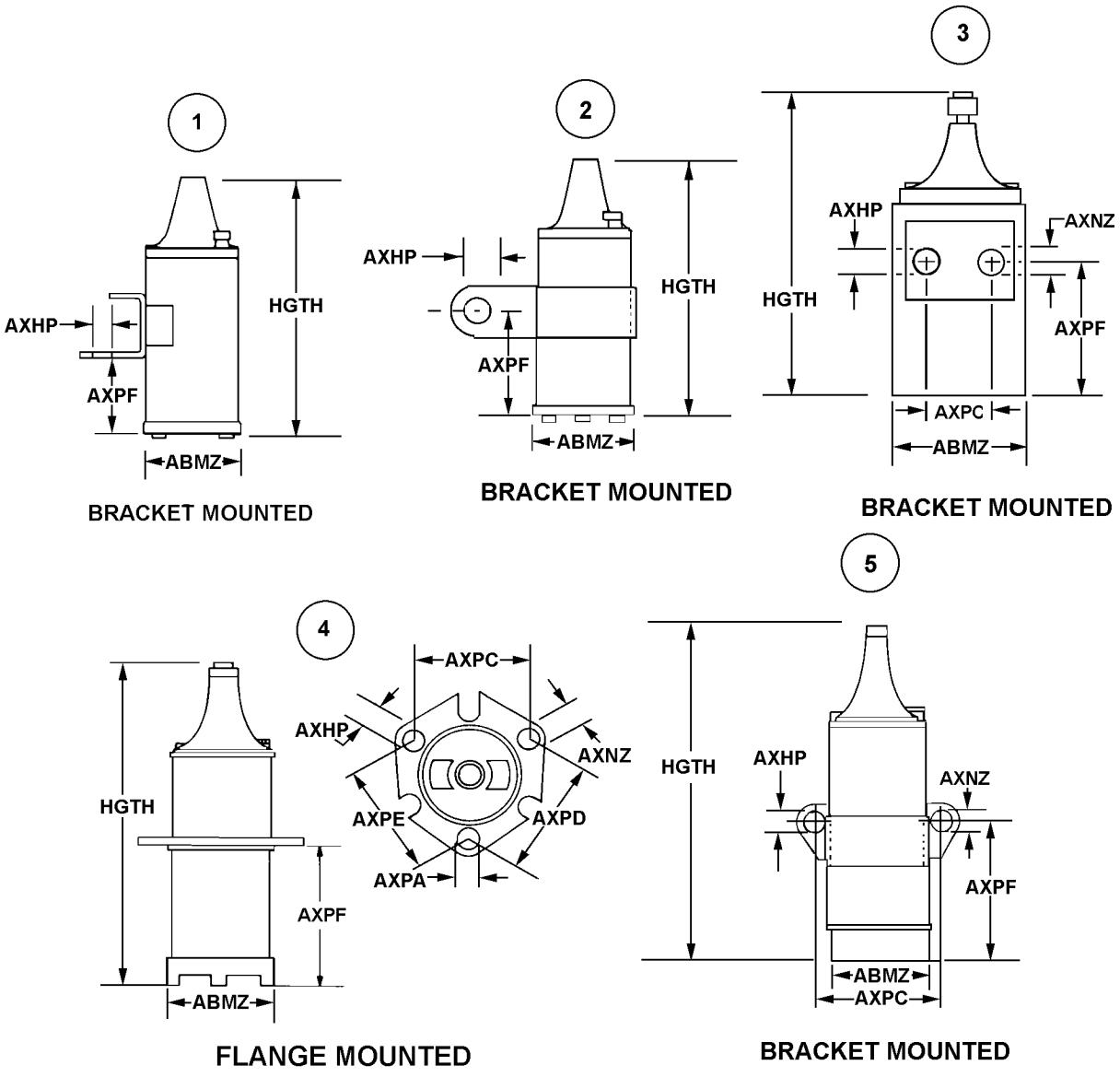
REPLY CODE	REPLY (AA05)
A	INCHES
L	MILLIMETERS

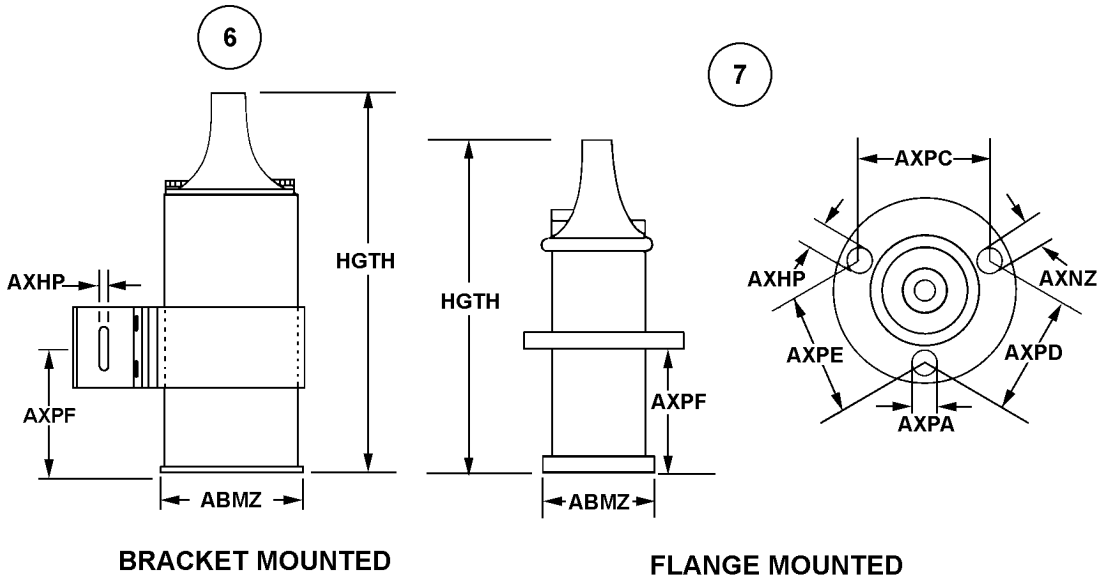
REPLY CODE	REPLY (AC20)
A	NOMINAL
B	MINIMUM
C	MAXIMUM

MRC	Mode Code	Name of Dimension
ABGL	J	WIDTH
ABMZ	J	DIAMETER
ABRY	J	LENGTH
AXHP	J	FIRST MOUNTING HOLE DIAMETER
AXNZ	J	SECOND MOUNTING HOLE DIAMETER
AXPA	J	THIRD MOUNTING HOLE DIAMETER
AXPB	J	FOURTH MOUNTING HOLE DIAMETER
AXPC	J	CENTER TO CENTER DISTANCE BETWEEN FIRST AND SECOND MOUNTING
AXPD	J	CENTER TO CENTER DISTANCE BETWEEN SECOND AND THIRD MOUNTING
AXPE	J	CENTER TO CENTER DISTANCE BETWEEN FIRST AND THIRD MOUNTING HOLE
AXPF	J	DISTANCE FROM BASE OF COIL TO MOUNTING
HGTH	J	HEIGHT

REFERENCE DRAWING GROUP A

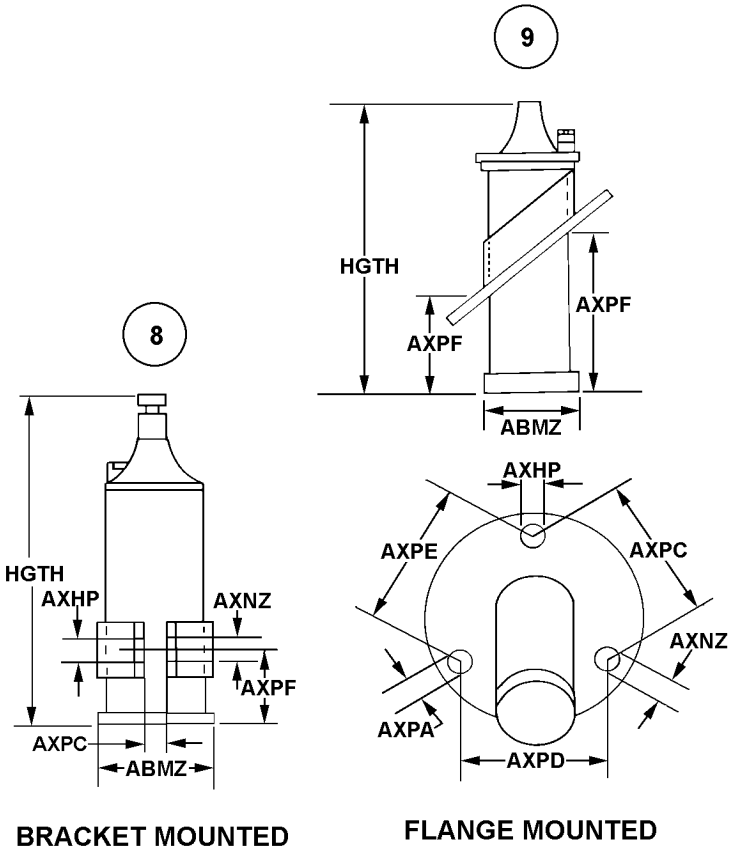
IGNITION COILS





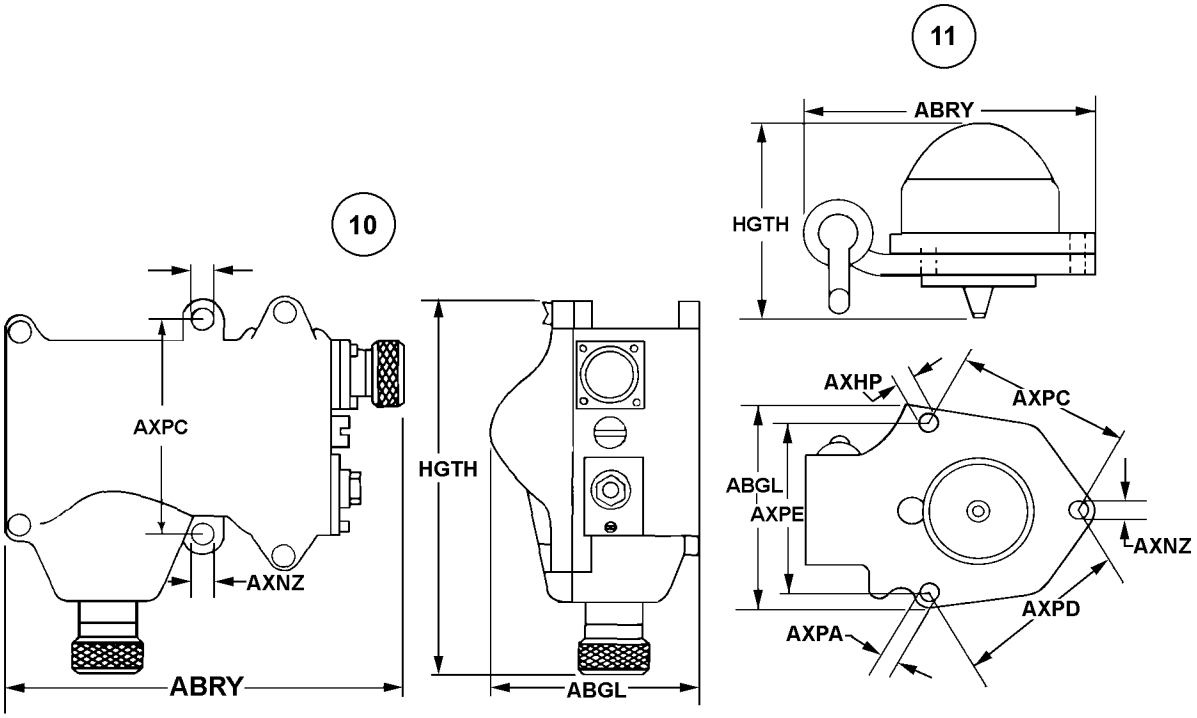
BRACKET MOUNTED

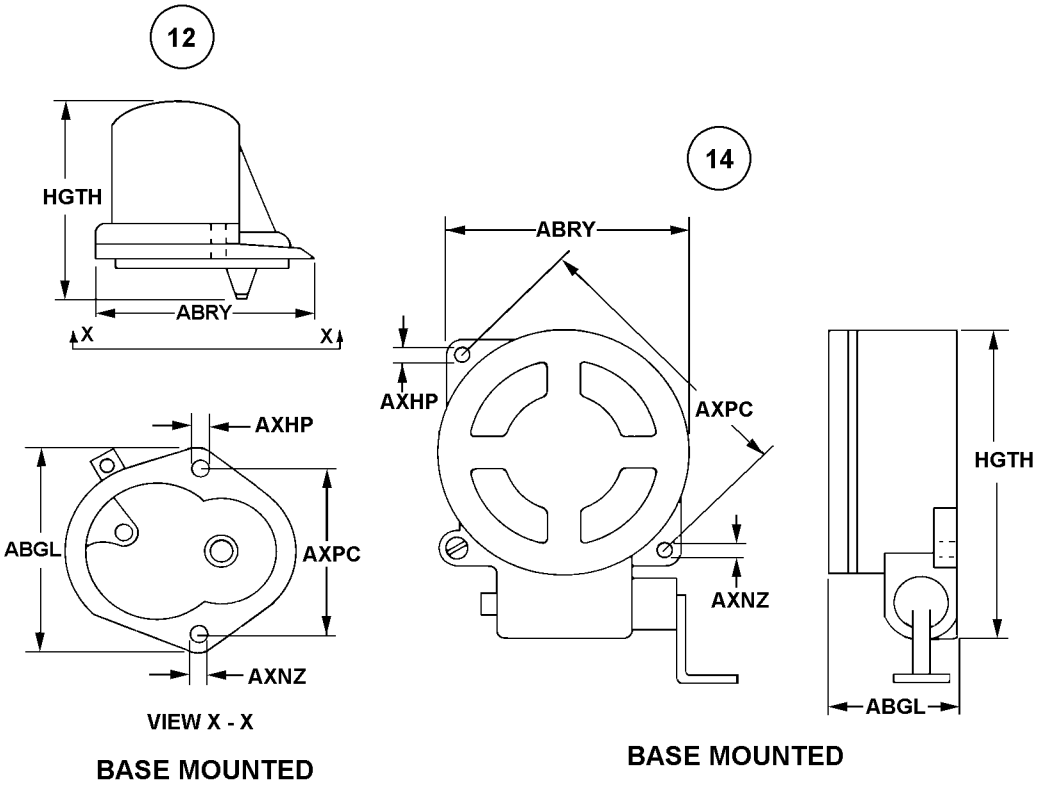
FLANGE MOUNTED

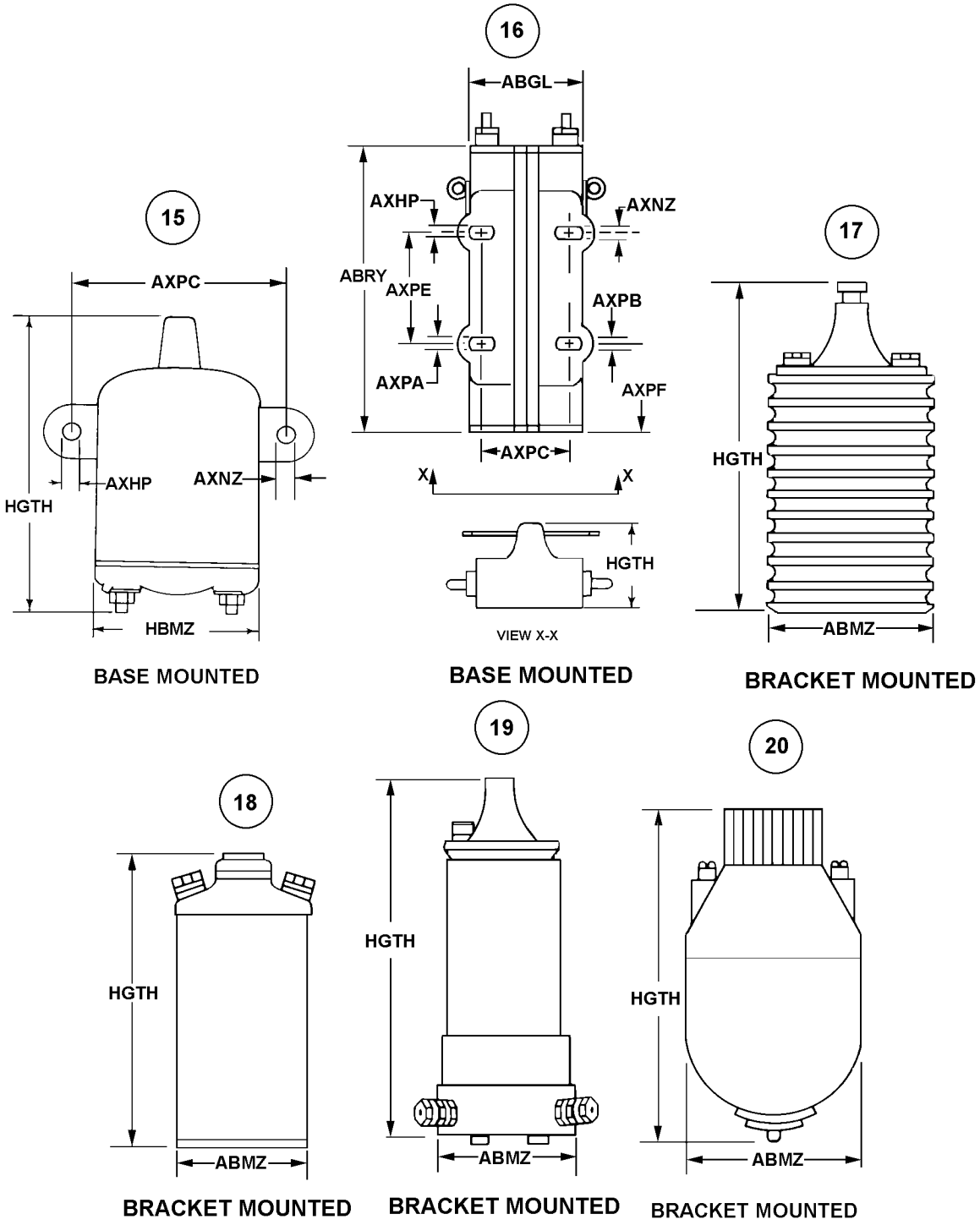


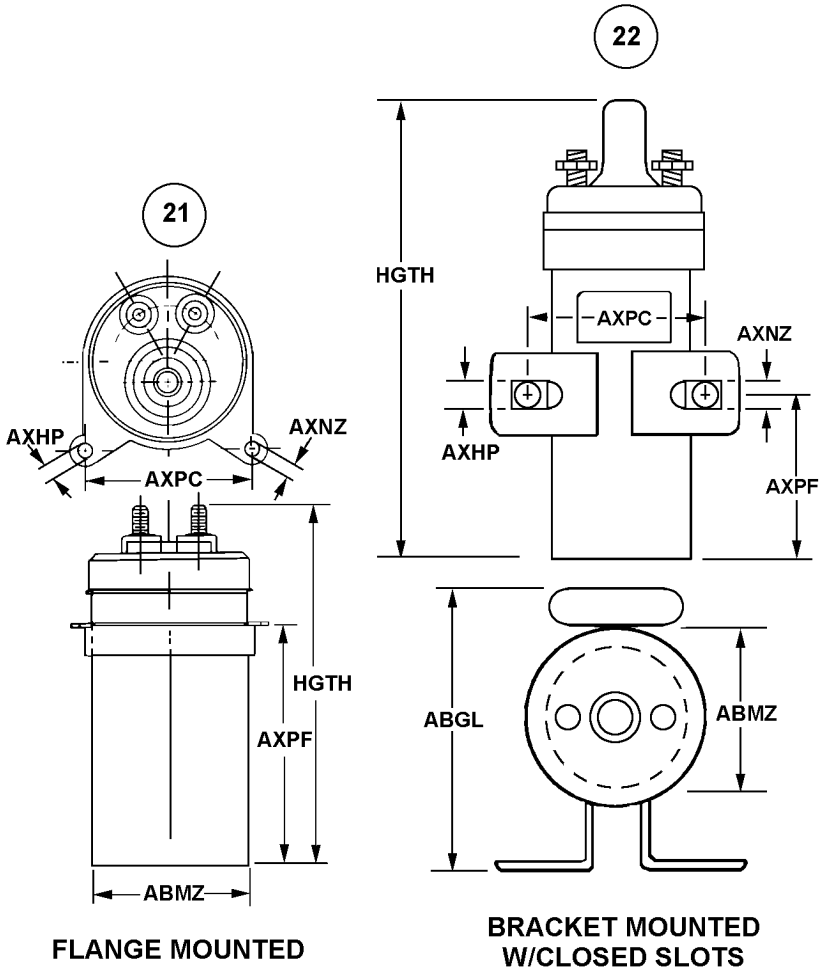
BRACKET MOUNTED

FLANGE MOUNTED


10
AXPC
AXNZ
ABRY
HGTH
ABGL
BASE MOUNTED
11
ABRY
HGTH
AXHP
AXPC
ABGL
AXPE
AXNZ
AXPD
AXPA
BASE MOUNTED

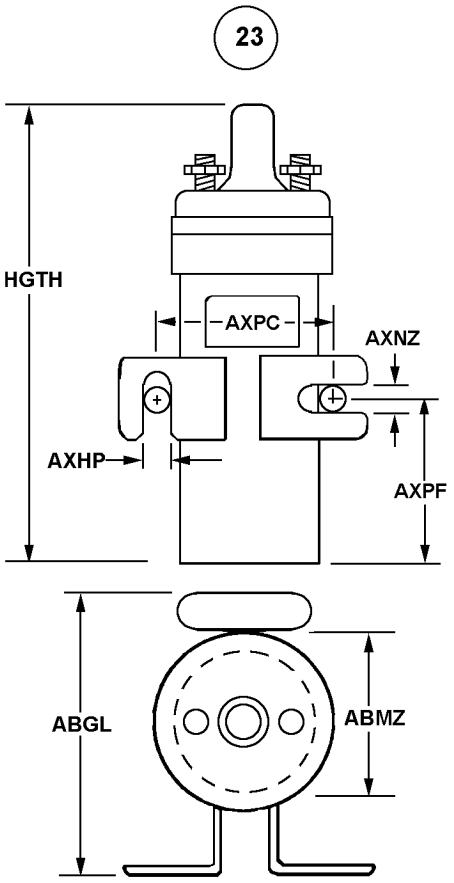

12
HGTH
ABRY
X
X
AXHP
ABGL
AXPC
AXNZ
VIEW X - X
BASE MOUNTED
14
ABRY
AXHP
AXPC
AXNZ
HGTH
ABGL
BASE MOUNTED


15
AXPC
HGTH
AXHP
AXNZ
HBMZ
BASE MOUNTED
16
ABGL
AXHP
AXNZ
ABRY
AXPE
AXPB
AXPA
AXPF
AXPC
X
X
HGTH
VIEW X-X
BASE MOUNTED
17
HGTH
ABMZ
BRACKET MOUNTED
18
HGTH
ABMZ
BRACKET MOUNTED
19
HGTH
ABMZ
BRACKET MOUNTED
20
HGTH
ABMZ
BRACKET MOUNTED



FLANGE MOUNTED

BRACKET MOUNTED
W/CLOSED SLOTS



BRACKET MOUNTED W/OPEN SLOTS

Technical Data Tables

STANDARD FRACTION TO DECIMAL CONVERSION CHART

4ths	8ths	16ths	32nds	64ths	To 3	To 4	4ths	8ths	16ths	32nds	64ths	To 3	To 4
				1/64	.016	.0156					33/64	.516	.5156
			1/32	-----	.031	.0312				17/32	------	.531	.5312
				3/64	.047	.0469					35/64	.547	.5469
		1/16	-----		.062	.0625			9/16	-----	-----	.562	.5625
				5/64	.078	.0781					37/64	.578	.5781
			3/32	-----	.094	.0938				19/32	------	.594	.5938
				7/64	.109	.1094					39/64	.609	.6094
	1/8	-----	-----	-----	.125	.1250		5/8	-----	-----	-----	.625	.6250
				9/64	.141	.1406					41/64	.641	.6406
			5/32	-----	.156	.1562				21/32	------	.656	.6562
				11/64	.172	.1719					43/64	.672	.6719
		3/16	-----	-----	.188	.1875			11/16	-----	-----	.688	.6875
				13/64	.203	.2031					45/64	.703	.7031
			7/32	------	.219	.2188				23/32	------	.719	.7188
				15/64	.234	.2344					47/64	.734	.7344
1/4	-----	-----	-----	-----	.250	.2500	3/4	-----	-----	-----	-----	.750	.7500
				17/64	.266	.2656					49/64	.766	.7656
			9/32	------	.281	.2812				25/32	------	.781	.7812
				19/64	.297	.2969					51/64	.797	.7969
		5/16	-----	-----	.312	.3125			13/16	-----	-----	.812	.8125
				21/64	.328	.3281					53/64	.828	.8281
			11/32	------	.344	.3438				27/32	------	.844	.8438
				23/64	.359	.3594					55/64	.859	.8594
	3/8	-----	-----	-----	.375	.3750		7/8	-----	-----	-----	.875	.8750
				25/64	.391	.3906					57/64	.891	.8906
			13/32	------	.406	.4062				29/32	------	.906	.9062
				27/64	.422	.4219					59/64	.922	.9219
		7/16	-----	-----	.438	.4375			15/16	-----	-----	.938	.9375
				29/64	.453	.4531					61/64	.953	.9531
			15/32	------	.469	.4688				31/32	------	.969	.9688
				31/64	.484	.4844					63/64	.984	.9844
					.500	.5000						1.000	1.0000

AMERICAN OR BROWN AND SHARPE WIRE GAGE

AWG	Diameter Inches Nom	Area Circular Mills
0000	0.4600	211600.
000	0.4096	167800.
00	0.3648	133100.
0	0.3249	105500.
1	0.2893	83690.
2	0.2576	66370.
3	0.2294	52640.
4	0.2043	41740.
5	0.1819	33100.
6	0.1620	26250.
7	0.1443	20820.
8	0.1285	16510.
9	0.1144	13090.
10	0.1019	10380.
11	0.09074	8234.
12	0.08081	6530.
13	0.07196	5178.
14	0.06408	4107.
15	0.05707	3257.
16	0.05082	2583.
17	0.04526	2048.
18	0.04030	1624.
19	0.03589	1288.
20	0.03196	1022.
21	0.02846	810.1
22	0.02535	642.4
23	0.02257	509.5
24	0.02010	404.0
25	0.01790	320.4
26	0.01594	254.1
27	0.01420	201.5
28	0.01264	159.8
29	0.01126	126.7
30	0.01003	100.5
31	0.008928	79.7
32	0.007950	63.21
33	0.007080	50.13
34	0.006305	39.75
35	0.005615	31.52

AWG	Diameter Inches Nom	Area Circular Mills
36	0.005000	25.00
37	0.004453	19.83
38	0.003965	15.72
39	0.003531	12.47
40	0.003145	9.888
41	0.00280	7.8400
42	0.00249	6.2001
43	0.00222	4.9284
44	0.00197	3.8809
45	0.00176	3.0976
46	0.00157	2.4649

Unless otherwise stated in FIIG requirements, stranded conductors with circular mil areas below mid-points of AWG sizes are to be considered as having the smaller AWG sizes. Stranded conductors with circular mil areas at mid-points and above are to be considered as having the larger AWG sizes.

A stranded conductor with a circular mil area of 1836 would fall midway between 17 AWG and 18 AWG. For purposes of FIIG requirements, the conductor shall be described as being No. 17 AWG size.

For solid conductors or conductor strands of 0.010 inches in diameter or larger, the size will be expressed in the nearest AWG size if within one thousandth of an inch of being an exact AWG size. For solid wire smaller than 0.010 inches in diameter, the size should be expressed in the nearest AWG size if within one ten-thousandth (0.0001) of an inch of being an exact AWG size.

For purposes of FIIG requirements, a solid conductor or strand of wire 0.01596 inches in diameter shall be described as being No. 26 AWG size.

OUNCE TO DECIMAL OF A POUND CONVERSION CHART

OUNCES	POUNDS
1	0.062
2	0.125
3	0.188
4	0.250

OUNCES	POUNDS
5	0.312
6	0.375
7	0.438
8	0.500
9	0.562
10	0.625
11	0.688
12	0.750
13	0.812
14	0.875
15	0.938
16	1.000

FIIG Change List

FIIG Change List, Effective August 6, 2010

This change replaced with ISAC or and/or coding.